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CARROLL D. WRIGHT,  
Commissioner of Labor in charge.  
Appointed October 5, 1893.

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VITAL STATISTICS

OF

BOSTON AND PHILADELPHIA

COVERING A PERIOD OF

SIX YEARS ENDING MAY 31, 1890.

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JOHN S. BILLINGS, M. D.,

DEPUTY SURGEON-GENERAL, U. S. ARMY, EXPERT SPECIAL AGENT.



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## VITAL STATISTICS.

The areas given in the preceding table were obtained by planimeter measurements of the maps used in illustrating this report. The areas of parks and cemeteries include only so much of these as are actually within the city limits.

These figures show that Boston was the more densely populated of the two, having over 50 per cent more people to each dwelling than Philadelphia. The open space in the form of parks was proportionately greater in Boston, and a much larger proportion of the business population lived outside the city limits than was the case for Philadelphia.

Tables 82 and 90 show the number of deaths from each specified disease and class of diseases which occurred in Boston and Philadelphia, respectively, during the 6 years ending May 31, 1890, with distinction of sex and of quinquennial age periods.

The total number of decedents in Boston during the 6 years was 60,021, of whom 30,248 were males and 29,773 were females. In Philadelphia the number of decedents was 134,878, of whom 68,963 were males and 65,915 were females.

The mean population of Boston for the 6-year period was 419,005 and that of Philadelphia was 975,920.

During the same period the average annual death rate in Boston, exclusive of stillbirths, was 23.59, and in Philadelphia 21.86 per 1,000 of mean population. For the census year alone the death rates per 1,000 of population were: in Boston, 23.44; in Philadelphia, 21.29.

A comparison of these death rates with those of certain other of the principal registration cities during the census year, both inclusive and exclusive of stillbirths, is contained in Table 2. The population used in computing these rates is that of June 1, 1890, and not the mean population for the census year.

TABLE 2.

CITIES.	DEATH RATES PER 1,000 OF POPULATION.								
	Including stillbirths.					Excluding stillbirths.			
	Aggregate.	White.			Colored.	Aggregate.	White.		Colored.
		Total.	Native.	Foreign.			Total.	Native.	
Aggregate.....	23.30	22.78	24.05	20.18	33.64	21.62	21.15	21.63	30.86
Allegheny.....	20.15	20.06	19.83	20.73	24.13	18.17	18.03	17.11	23.73
Baltimore.....	24.75	22.61	22.37	23.68	36.41	22.89	21.05	20.44	32.91
Boston.....	24.79	24.62	25.94	22.24	33.29	23.44	23.29	23.87	31.03
Brooklyn.....	25.54	25.41	26.55	23.06	34.99	23.89	23.75	24.08	34.08
Buffalo.....	19.90	19.83	21.36	17.00	34.22	18.38	18.32	19.03	31.65
Chicago.....	21.06	21.03	25.42	14.82	23.30	19.05	19.01	21.98	22.08
Cincinnati.....	22.36	21.93	20.77	25.38	33.04	21.00	20.04	19.06	29.61
Cleveland.....	21.95	21.83	25.91	15.04	31.63	20.21	20.10	23.13	29.98
Denver.....	24.21	24.56	26.25	19.15	15.48	23.00	23.34	24.65	14.25
Detroit.....	20.42	20.36	24.32	14.43	23.45	18.70	18.62	21.42	22.87
Indianapolis.....	18.85	17.78	17.51	19.31	30.04	17.32	16.35	15.82	27.53
Jersey city.....	27.51	27.48	29.21	23.98	29.50	25.63	25.61	26.43	26.82
Kansas city.....	19.24	17.54	16.88	20.69	33.75	17.30	15.74	14.70	30.66
Louisville.....	21.81	19.61	18.20	26.13	31.98	20.09	18.16	16.45	28.98
Milwaukee.....	19.28	19.26	21.06	16.46	25.70	18.78	18.76	20.23	25.70
Minneapolis.....	14.81	14.76	17.52	10.08	20.68	13.54	13.48	15.49	27.68
Newark.....	29.04	28.67	30.81	23.94	44.49	27.40	27.07	28.49	41.44
New Orleans.....	28.40	25.41	22.37	38.32	36.61	26.26	23.57	20.08	33.65
New York.....	28.63	28.47	32.23	23.44	37.47	26.45	26.31	28.45	34.63
Omaha.....	9.95	9.96	10.58	8.19	9.45	9.43	9.43	9.86	9.45
Philadelphia.....	22.67	22.28	23.04	20.19	32.42	21.29	20.93	21.19	30.33
Pittsburg.....	21.82	21.56	22.77	18.97	29.16	20.13	19.91	20.34	23.61
Providence.....	22.36	21.97	23.16	19.37	34.81	21.12	20.76	21.39	32.58
Rochester.....	17.35	17.39	16.87	18.69	6.92	17.32	17.36	16.83	6.92
St. Louis.....	19.14	18.15	17.21	20.70	34.55	17.38	16.50	14.95	31.11
St. Paul.....	16.82	16.74	21.25	10.08	23.62	14.88	14.78	17.96	22.97
San Francisco.....	23.61	25.57	22.18	25.88	24.06	22.46	22.32	20.19	21.74
Washington.....	25.85	19.79	18.62	28.46	38.22	23.65	18.57	17.23	34.03

The term "colored", as used in this discussion, includes Chinese, Japanese, and Indians with those of negro descent where not otherwise specified. The number of those not of negro descent in these cities is too small to affect percentages appreciably.

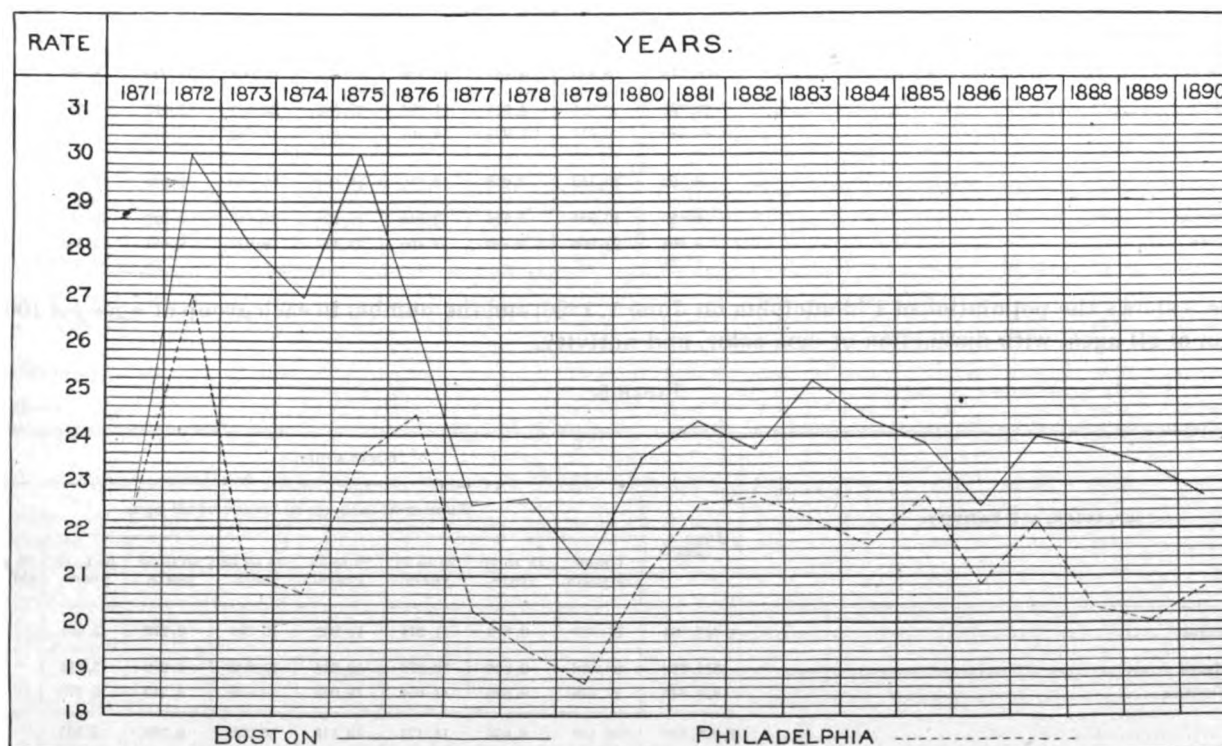
Table 3 shows for Boston and Philadelphia the death rates per 1,000 of population for each calendar year from 1871 to 1890, inclusive, stillbirths being excluded, and the population for each year being calculated by the usual geometrical progression formula from the censuses of 1870, 1880, and 1890.

TABLE 3.

YEARS.	DEATH RATES PER 1,000 OF POPULATION.		YEARS.	DEATH RATES PER 1,000 OF POPULATION.	
	Boston.	Philadelphia.		Boston.	Philadelphia.
1871.....	22.65	22.45	1881.....	24.33	22.55
1872.....	29.99	26.91	1882.....	23.76	22.70
1873.....	28.11	21.09	1883.....	25.19	22.24
1874.....	26.89	20.63	1884.....	24.36	21.69
1875.....	30.05	23.56	1885.....	23.84	22.71
1876.....	26.38	24.44	1886.....	22.49	20.80
1877.....	22.53	20.23	1887.....	23.93	22.11
1878.....	22.66	19.45	1888.....	23.72	20.30
1879.....	21.16	18.69	1889.....	23.37	20.03
1880.....	23.51	20.91	1890.....	22.70	20.76

The variations in the death rates of the two cities, exclusive of stillbirths, as contained in the preceding table, are shown graphically in the following diagram:

DIAGRAM I.



From the table and the diagram it will be seen that the death rate of Boston has been uniformly greater than that of Philadelphia, and that in general the death rates of the two cities have increased and decreased together, having been highest in 1872 and lowest in 1879.

A comparison with the corresponding table and diagram given in the report on the vital statistics of New York and Brooklyn shows that the annual variations in the death rates of all four cities during the 20 years 1871 to 1890 correspond to a considerable extent.

TABLE 4.

SEX, COLOR, NATIVITY, AND PARENTAL NATIVITY.	POPULATION.								
	June 1, 1890.	Number at each age in 100,000 of all ages.							
		Under 15 years.	15 to 20 years.	20 to 25 years.	25 to 35 years.	35 to 45 years.	45 to 55 years.	55 to 65 years.	65 years and over.
Aggregate .....	448,477	25,219	8,912	11,780	20,815	14,232	9,719	5,491	3,832
Males .....	217,754	26,111	8,730	11,282	21,211	14,429	9,765	5,179	3,293
Females .....	230,723	24,376	9,084	12,251	20,441	14,046	9,676	5,787	4,339
White .....	439,887	25,331	8,945	11,766	20,696	14,139	9,726	5,533	3,864
Males .....	213,128	26,298	8,773	11,259	21,036	14,311	9,767	5,220	3,396
Females .....	226,759	24,423	9,107	12,242	20,377	13,977	9,687	5,826	4,361
Native born .....	283,209	35,791	10,872	10,925	17,473	11,093	6,846	3,892	3,108
Males .....	140,336	36,362	10,771	10,914	17,648	11,141	6,752	3,762	2,650
Females .....	142,873	35,230	10,971	10,935	17,301	11,047	6,938	4,020	3,558
Both parents native .....	135,740	23,851	7,583	9,663	18,179	15,371	11,827	7,416	6,110
Males .....	67,447	24,237	7,658	9,839	18,883	15,307	11,671	7,195	5,210
Females .....	68,293	23,471	7,509	9,490	17,483	15,434	11,981	7,633	6,999
One or both parents foreign .....	147,469	46,781	13,899	12,086	16,822	7,157	2,261	650	344
Males .....	72,889	47,582	13,651	11,908	16,505	7,286	2,201	586	281
Females .....	74,580	45,998	14,142	12,259	17,133	7,030	2,320	712	406
Foreign born .....	156,678	6,425	5,463	13,286	26,522	19,643	14,932	8,497	5,232
Males .....	72,792	6,895	4,921	11,924	27,568	20,423	15,580	8,031	4,658
Females .....	83,886	6,017	5,933	14,467	25,616	18,966	14,371	8,901	5,729
Colored .....	8,590	19,463	7,206	12,538	26,892	19,010	9,360	3,387	2,154
Males .....	4,626	17,531	6,766	12,343	29,270	19,845	9,641	3,264	1,340
Females .....	3,964	21,695	7,720	12,765	24,117	18,037	9,031	3,532	3,103

Table 5 shows the population of Philadelphia on June 1, 1890, and the number in each group of ages per 100,000 population of all ages, with distinction of sex, color, and nativity.

TABLE 5.

SEX, COLOR, AND NATIVITY.	POPULATION.								
	June 1, 1890.	Number at each age in 100,000 of all ages.							
		Under 15 years.	15 to 20 years.	20 to 25 years.	25 to 35 years.	35 to 45 years.	45 to 55 years.	55 to 65 years.	65 years and over.
Aggregate .....	1,046,964	27,920	9,579	11,274	19,282	13,351	9,236	5,451	3,907
Males .....	511,122	28,886	9,308	10,676	19,514	13,668	9,230	5,114	3,436
Females .....	535,842	27,046	9,839	11,654	19,061	13,029	9,243	5,773	4,355
White .....	1,006,590	28,130	9,606	11,171	19,115	13,232	9,263	5,531	3,952
Males .....	492,162	29,049	9,867	10,801	19,380	13,522	9,247	5,192	3,492
Females .....	514,428	27,251	9,834	11,525	18,909	12,955	9,277	5,856	4,393
Native born .....	738,341	35,923	11,184	11,275	17,863	11,059	6,568	3,436	2,697
Males .....	360,401	37,118	11,079	11,099	17,611	11,075	6,524	3,244	2,250
Females .....	377,940	34,783	11,285	11,443	18,104	11,043	6,601	3,618	3,123
Foreign born .....	268,249	6,680	5,261	10,886	22,500	19,213	16,692	11,299	7,409
Males .....	131,761	6,977	4,696	9,987	24,031	20,215	16,698	10,518	6,888
Females .....	136,488	6,393	5,815	11,754	21,140	18,000	16,000	10,054	7,911

It will be seen from these tables that the proportion of children under 15 years of age and of persons 65 years of age and upward—that is to say, the ages of greatest mortality—was decidedly smaller among the colored than among the white, and that the proportion of children under 15 years of age was much smaller among the foreign born than among the native.

Philadelphia had a considerably greater proportion of population in these age groups of heaviest mortality, amounting to about 3,500 in 100,000 of all ages, but the death rates were heavier in Boston in every age group.

Table 6 shows the death rates in Boston during the census year, stillbirths included, with distinction of 8 age groups and of sex, color, nativity, and parental nativity.

TABLE 6.

SEX, COLOR, NATIVITY, AND PARENTAL NATIVITY.	RATES PER 1,000 OF POPULATION.								
	All ages.	Age periods							
		Under 15 years.	15 to 20 years.	20 to 25 years.	25 to 35 years.	35 to 45 years.	45 to 55 years.	55 to 65 years.	65 years and over.
Aggregate.....	24.79	40.76	7.31	9.92	12.49	16.39	21.98	36.62	94.22
Males.....	26.08	43.63	7.26	10.99	12.93	17.73	23.75	38.22	97.46
Females.....	23.57	37.85	7.35	8.99	12.06	15.09	20.29	35.28	91.89
White.....	24.62	40.20	7.27	9.76	12.43	16.32	21.71	36.45	94.01
Males.....	25.96	43.18	7.22	10.88	12.85	17.54	23.59	38.02	97.19
Females.....	23.37	37.18	7.31	8.79	12.03	15.15	19.94	35.12	91.72
Native born.....	25.77	42.75	6.98	9.99	13.07	13.75	16.87	27.21	83.62
Males.....	27.44	45.84	6.75	11.10	14.01	15.16	16.99	31.25	88.73
Females.....	24.13	39.62	7.21	8.90	12.14	12.36	16.75	23.50	79.87
Both parents native.....	18.75	34.35	4.86	4.43	6.57	8.87	13.58	22.55	64.26
Males.....	19.48	37.19	5.23	4.82	6.12	9.49	13.72	26.38	66.88
Females.....	18.03	31.44	4.49	4.01	7.04	8.25	13.44	18.99	62.34
One or both parents foreign.....	28.77	43.72	7.66	13.58	18.38	20.56	23.10	29.23	96.46
Males.....	31.31	46.77	7.84	15.55	21.45	23.54	20.57	35.13	102.44
Females.....	26.28	40.64	7.96	11.70	15.50	17.55	25.43	24.48	92.41
Foreign born.....	22.10	12.22	8.30	9.42	11.45	18.55	25.22	43.79	103.94
Males.....	22.47	13.75	9.21	10.48	11.16	19.37	28.13	43.79	104.98
Females.....	21.77	10.70	7.64	8.65	11.73	17.79	22.48	43.79	103.20
Colored.....	33.29	78.40	9.69	17.64	14.72	18.98	36.07	51.55	113.51
Males.....	31.56	75.22	9.58	15.76	15.51	23.97	31.89	52.98	129.03
Females.....	35.32	81.40	9.80	19.76	13.60	12.59	41.90	50.00	105.69



## VITAL STATISTICS.

Table 7 shows the death rates in Philadelphia during the census year, stillbirths included, with distinction of 8 age groups and of sex, color, and nativity.

TABLE 7.

SEX, COLOR, AND NATIVITY.	RATES PER 1,000 OF POPULATION.								
	All ages.	Age periods.							
		Under 15 years.	15 to 20 years.	20 to 25 years.	25 to 35 years.	35 to 45 years.	45 to 55 years.	55 to 65 years.	65 years and over.
Aggregate.....	22.67	35.96	6.44	9.08	11.06	13.77	19.36	31.77	89.63
Males.....	24.20	38.38	6.75	10.54	11.41	15.55	21.30	36.69	94.85
Females.....	21.12	33.51	6.16	7.78	10.71	11.99	17.51	27.61	85.70
White.....	22.28	34.89	6.17	8.81	10.85	13.60	18.98	31.56	88.88
Males.....	23.85	37.22	6.49	10.12	11.28	15.30	20.85	36.44	93.51
Females.....	20.79	32.51	5.89	7.64	10.43	11.91	17.20	27.42	85.35
Native born.....	22.80	36.84	6.20	8.64	10.74	12.55	17.85	29.61	89.25
Males.....	24.43	39.37	6.34	9.65	10.95	13.73	19.44	34.04	96.66
Females.....	21.25	34.26	6.07	7.70	10.55	11.43	16.35	26.82	82.78
Foreign born.....	19.98	5.52	5.95	9.04	10.34	14.55	19.21	32.04	85.84
Males.....	21.14	5.66	7.45	11.10	10.80	16.67	21.09	37.02	85.83
Females.....	18.86	5.39	4.79	7.36	9.84	12.29	17.39	27.84	85.85
Colored.....	32.42	69.24	13.61	14.50	15.21	17.16	29.41	40.09	116.49
Males.....	36.02	75.81	15.01	19.75	14.12	20.52	33.67	47.70	156.26
Females.....	29.23	63.12	12.66	10.46	16.24	13.55	25.48	34.57	96.47

It will be seen from these tables that the death rate of the males was greater than that of the females in every age group except for the colored of the age group 25 to 35 years; that the death rate of the colored for each sex was greater than that of the white in the aggregate, and especially so for those under 15 years of age and those 45 years of age and upward, and that the death rates of the foreign born were less than those of the native for both sexes in those under 15 years of age, but for the most part greater than those of the native for the adults of both sexes.

The following diagram indicates the differences between the death rates of the white and of the colored, stillbirths included, in these two cities, at different groups of ages during the census year:

DIAGRAM 2

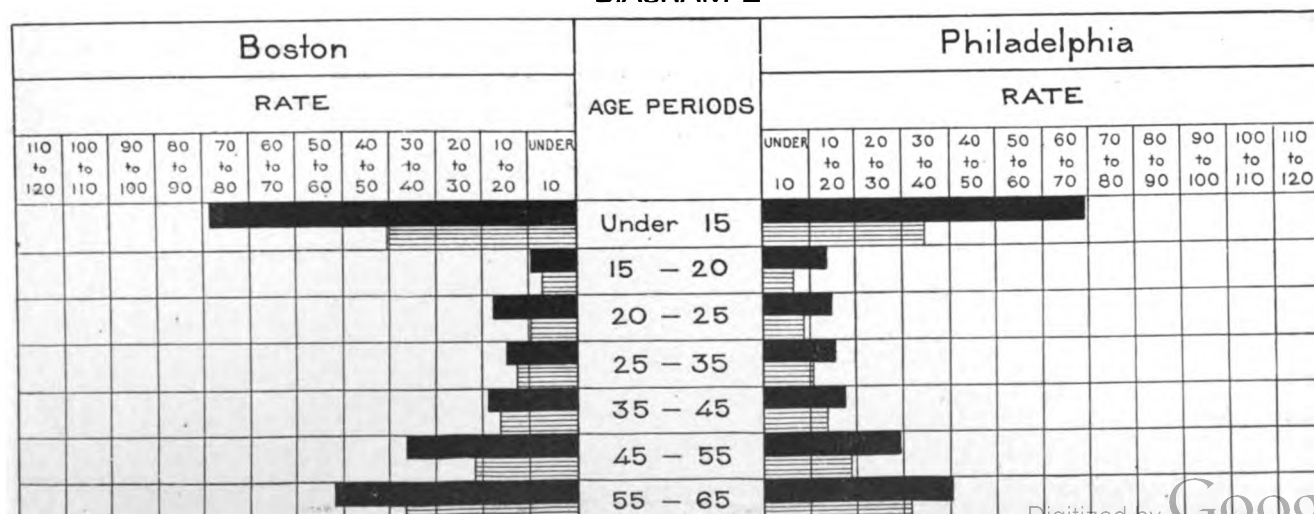


Table 11 shows for the city of Philadelphia the number of living children under 1 year of age on June 1, 1890, by 4 age groups, the proportion in each age group per 1,000 of population under 1 year of age, the number of deaths of children which occurred during the census year, and the number of deaths in each age group per 1,000 deaths under 1 year of age, with distinction of color and nativity.

TABLE 11.

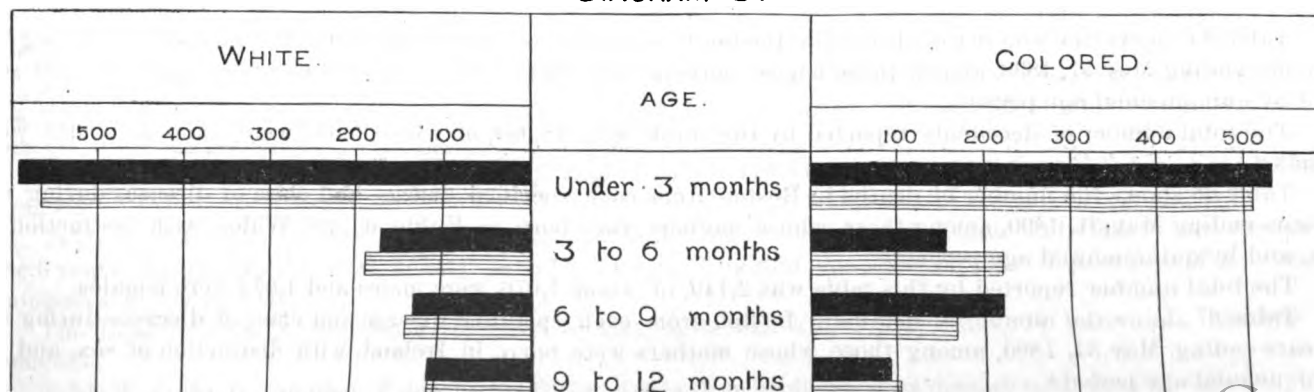
COLOR AND NATIVITY.	Under 1 year.	MONTHS PERIODS.			
		Under 3 months.	3 to 6 months.	6 to 9 months.	9 to 12 months.
Population June 1, 1890:					
Total .....	23,077	5,356	6,219	6,402	5,100
White .....	22,308	5,178	5,995	6,194	4,941
Native born .....	22,233	5,167	5,968	6,172	4,926
Foreign born .....	75	11	27	22	15
Colored .....	769	178	224	208	159
Proportion in each age group:					
Total .....	1,000	232	270	277	221
White .....	1,000	232	269	278	221
Native born .....	1,000	232	268	278	222
Foreign born .....	1,000	147	360	293	200
Colored .....	1,000	231	291	271	207
Deaths:					
Total .....	6,762	3,789	1,291	946	736
White .....	6,350	3,579	1,200	877	694
Native born .....	6,340	3,577	1,194	875	694
Foreign born .....	10	2	6	2	
Colored .....	412	210	91	69	42
Number of deaths in each age group per 1,000 under one year:					
Total .....	1,000	560	191	140	109
White .....	1,000	564	189	138	109
Native born .....	1,000	564	188	138	110
Foreign born .....	1,000	200	600	200	
Colored .....	1,000	510	221	167	102

It will be seen from these tables that over one-half of the deaths of children under 1 year of age occurred during the first 3 months of life, the proportion being 589 in Boston and 560 in Philadelphia.

The figures for the foreign born in each city are so small that the death rates have no significance. For the white, the proportion of deaths under 3 months of age to 1,000 deaths under 1 year of age was greater in Boston (591) than in Philadelphia (564), while the proportion of deaths in the age groups, "3 to 6 months" and "6 to 9 months", was greater in Philadelphia than in Boston.

The following diagram indicates the relative proportion of deaths in the two cities at each of these age groups in 1,000 deaths under 1 year of age, with distinction of white and colored:

DIAGRAM 3.



## VITAL STATISTICS.

Table 12 shows for Boston and Philadelphia the comparative number of deaths from infantile diseases in 1,000 total deaths from all causes, excluding stillbirths, during the census years 1880 and 1890.

TABLE 12.

CAUSES.	BOSTON.		PHILADELPHIA.	
	1890	1880	1890	1880
Total infantile diseases.....	190.53	206.25	205.42	195.84
Measles.....	0.57	.....	1.53	2.07
Diarrheal diseases.....	24.83	24.83	15.12	10.58
Cholera infantum.....	35.38	40.73	28.44	41.21
Inanition.....	9.51	12.35	24.54	17.03
Whooping cough.....	5.14	8.80	2.83	3.89
Premature birth.....	16.84	15.50	7.54	10.21
Malformation.....	2.19	3.15	1.53	1.15
Debility and atrophy.....	35.19	24.04	43.87	40.12
Anæmia.....	.....	1.05	0.09	0.18
Hydrocephalus.....	6.37	8.28	2.38	4.74
Scrofula and tabes.....	1.62	1.58	1.35	1.22
Meningitis and diseases of the brain.....	11.22	10.12	17.00	11.43
Triasmus nascentium.....	0.29	0.66	1.12	0.55
Convulsions.....	8.47	9.20	28.13	25.89
Croup and angina.....	0.57	3.02	1.66	2.13
Bronchitis.....	13.70	19.57	8.75	8.02
Pneumonia.....	13.51	16.95	13.77	9.97
Dentition.....	0.76	2.80	1.17	1.03
"Others of class" digestive.....	1.90	1.84	1.79	1.03
Exposure and neglect.....	.....	0.39	0.04	0.06
Suffocation.....	2.47	1.31	2.78	2.74

It will be seen from the table that the proportion of deaths due to these infantile diseases was greater in 1880 in Boston than it was in 1890, while in Philadelphia it was greater in 1890 than it was in 1880.

## RACE.

Table 83 shows the number of deaths from each specified disease and class of diseases during the 6 years ending May 31, 1890, among the white population of Boston, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 58,431, of whom 29,404 were males and 29,027 were females.

Table 84 shows the number of deaths from each specified disease and class of diseases during the 6 years ending May 31, 1890, among the colored population of Boston, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 1,590, of whom 844 were males and 746 were females.

Table 85 shows the number of deaths in Boston from each specified disease and class of diseases during the 6 years ending May 31, 1890, among those whose mothers were born in the United States, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 18,969, of whom 9,653 were males and 9,316 were females.

Table 86 shows the number of deaths in Boston from each specified disease and class of diseases during the 6 years ending May 31, 1890, among those whose mothers were born in England and Wales, with distinction of sex, and by quinquennial age periods.

The total number reported by this table was 2,149, of whom 1,076 were males and 1,073 were females.

Table 87 shows the number of deaths in Boston from each specified disease and class of diseases during the 6 years ending May 31, 1890, among those whose mothers were born in Ireland, with distinction of sex, and by quinquennial age periods.

Table 89 shows the number of deaths in Boston from each specified disease and class of diseases during the 6 years ending May 31, 1890, among those whose mothers were born in Canada, with distinction of sex, and by quinquennial age periods.

The total number of decedents in this group was 5,167, of whom 2,492 were males and 2,675 were females.

Table 13 shows for Boston the average annual death rates due to each specified cause per 100,000 of mean population during the 6 years ending May 31, 1890, with distinction of color, nativity, and parental nativity.

TABLE 13.

CAUSES.	Aggregate.	WHITE.					Colored.
		Total.	Native.			Foreign.	
			Total.	Both parents native.	One or both parents foreign.		
All causes.....	2,387.44	2,371.18	2,493.86	2,059.11	2,891.01	2,151.50	3,191.62
Scarlet fever.....	25.42	25.73	36.87	23.84	48.77	5.78	10.04
Typhoid fever.....	39.02	38.43	29.47	23.71	34.73	54.48	68.25
Malarial fever.....	1.75	1.66	1.52	2.12	0.97	1.93	6.02
Diphtheria.....	96.54	97.68	139.83	89.81	185.51	22.20	40.15
Croup.....	27.96	28.24	41.93	21.46	60.63	3.74	14.05
Diarrhoeal diseases.....	214.28	214.15	296.48	166.12	415.56	66.71	220.80
Consumption.....	386.51	378.90	320.44	190.23	439.40	483.60	762.78
Pneumonia.....	221.40	219.06	200.29	176.18	222.30	252.67	337.23
Measles.....	11.61	11.73	16.95	7.02	26.02	2.38	6.02
Whooping cough.....	19.49	18.83	28.84	16.29	40.30	0.91	52.19
Cancer and tumor.....	73.55	74.10	54.64	91.14	21.30	108.95	46.17
Heart disease and dropsy.....	150.36	148.85	121.30	158.57	87.25	198.20	224.82
Childbirth and puerperal diseases.....	14.92	14.89	10.43	9.80	11.01	22.88	16.06
Diseases of the liver.....	23.43	23.78	17.83	21.99	14.04	34.43	6.02
Diseases of the nervous system.....	243.71	243.61	271.94	278.19	266.23	192.87	248.91
Diseases of the urinary organs.....	84.84	84.25	68.93	90.08	49.62	111.67	114.42
Old age.....	44.35	44.72	26.25	50.87	3.75	77.81	26.09
Stillbirths.....	28.84	28.65	44.65	29.01	58.93	.....	38.14
All other causes.....	670.08	664.72	757.88	607.64	895.13	497.87	935.40
Unknown.....	9.39	9.21	8.92	7.68	10.04	9.74	18.07

Table 91 shows the number of deaths from each specified disease and class of diseases during the 6 years ending May 31, 1890, among the white population of Philadelphia, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 127,556, of whom 65,523 were males and 62,033 were females.

Table 92 shows the number of deaths from each specified disease and class of diseases during the 6 years ending May 31, 1890, among the colored population of Philadelphia, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 7,322, of whom 3,440 were males and 3,882 were females.

Table 93 shows the number of deaths in Philadelphia from each specified disease and class of diseases during the 6 years ending May 31, 1890, among persons born in the United States, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 110,556, of whom 56,193 were males and 54,363 were females.

Table 94 shows the number of deaths in Philadelphia from each specified disease and class of diseases during the 6 years ending May 31, 1890, among persons born in England and Wales, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 2,136, of whom 1,174 were males and 962 were females.

Table 95 shows the number of deaths in Philadelphia from each specified disease and class of diseases during the 6 years ending May 31, 1890, among persons born in Ireland, with distinction of sex, and by quinquennial age periods.

The total number of decedents reported by this table was 11,916, of whom 5,579 were males and 6,337 were females.

## VITAL STATISTICS.

Table 16 shows for Philadelphia for the 6 years ending May 31, 1890, the average annual death rates, with distinction of 2 groups of ages, of white and colored, and of birthplaces of persons.

TABLE 16.

COLOR AND BIRTHPLACES OF PERSONS.	PHILADELPHIA.		
	All ages.	Under 15 years.	15 years and over.
White .....	22.69	36.68	17.27
Colored .....	31.25	66.88	20.94
United States (white) .....	25.17	38.83	17.57
England and Wales .....	9.78	3.35	10.05
Ireland .....	19.10	5.62	19.43
Scotland .....	8.41	2.74	9.30
France .....	9.21	2.51	9.61
Germany .....	14.04	3.61	14.70
Canada .....	6.49	3.49	6.82
Scandinavia .....	4.04	3.49	4.08
Hungary .....	2.04		2.42
Bohemia .....	1.89		2.07
Italy .....	8.19	3.50	8.99
Other foreign countries .....	4.35	1.61	4.89

The following diagram shows for the colored and for the white, by birthplaces of persons arranged in the order of the magnitude of their death rates, the relative death rates for those under 15 years and 15 years of age and upward in Philadelphia during the 6-year period:

DIAGRAM 5  
PHILADELPHIA

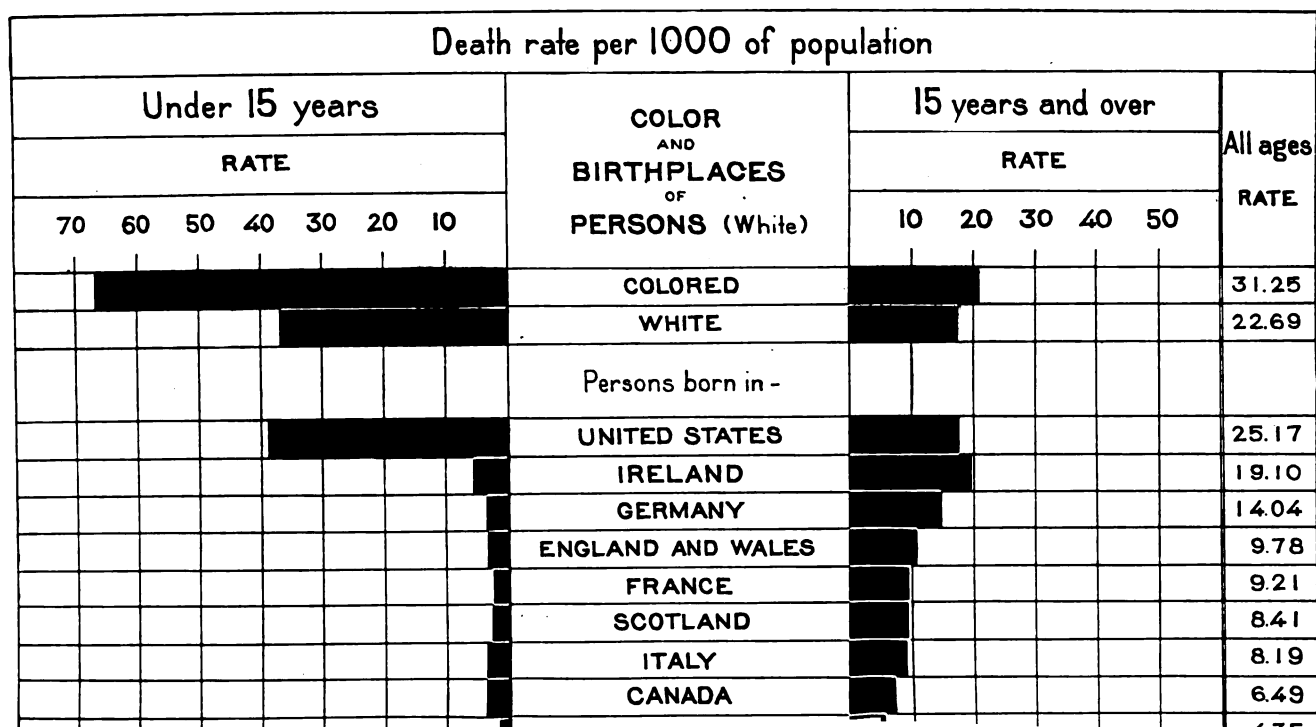


Table 17 shows for Boston the death rates per 1,000 of white population during the census year, with distinction of birthplaces of mothers and of certain groups of ages.

TABLE 17.

BIRTHPLACES OF MOTHERS.	AGES.								
	All ages.	Under 15 years.	15 to 20 years.	20 to 25 years.	25 to 35 years.	35 to 45 years.	45 to 55 years.	55 to 65 years.	65 years and over.
United States (white) .....	21.17	37.61	5.18	5.15	7.08	9.76	14.56	23.38	68.48
England and Wales .....	18.41	29.98	5.21	6.35	6.85	12.04	19.44	34.57	79.21
Ireland .....	28.37	40.20	8.84	13.89	17.67	23.42	29.51	50.78	114.01
Scotland .....	18.62	32.83	5.18	10.08	7.92	11.34	17.69	22.06	102.48
France .....	17.62	40.40	.....	6.06	2.71	6.33	32.09	10.99	92.59
Germany .....	18.56	30.19	3.46	8.38	9.88	11.05	18.24	29.90	75.14
Canada .....	22.75	44.46	8.46	9.97	11.86	14.74	16.71	25.15	54.10
Scandinavia .....	23.10	50.75	12.69	7.03	7.91	21.16	19.61	51.95	33.33
Hungary .....	35.09	64.94	.....	.....	20.41	40.00	.....	.....	509.00
Bohemia .....	47.62	102.56	.....	.....	74.07	.....	.....	.....	.....
Italy .....	24.78	51.66	9.14	4.42	7.78	11.01	15.32	15.46	97.22
Other foreign countries .....	21.34	41.46	7.86	3.99	9.32	7.27	12.40	44.62	122.81
Unknown .....	76.72	240.07	28.48	12.58	21.78	39.03	54.82	119.54	595.16

Table 18 shows for Philadelphia the death rates per 1,000 of white population during the census year, with distinction of birthplaces of persons and of certain age groups.

TABLE 18.

BIRTHPLACES OF PERSONS.	AGES.								
	All ages.	Under 15 years.	15 to 20 years.	20 to 25 years.	25 to 35 years.	35 to 45 years.	45 to 55 years.	55 to 65 years.	65 years and over.
United States (white) .....	22.80	36.84	6.20	8.64	10.74	12.55	17.85	29.61	89.25
England and Wales .....	13.92	4.79	4.99	7.28	7.04	12.17	11.59	25.18	67.28
Ireland .....	26.03	10.51	8.09	11.31	13.93	18.45	21.99	36.05	101.63
Scotland .....	12.43	4.16	1.70	8.75	6.97	12.56	13.10	16.47	74.89
France .....	13.73	.....	16.67	4.15	5.96	8.61	17.24	19.29	44.72
Germany .....	19.74	5.13	5.69	7.55	9.20	11.85	18.97	32.25	76.72
Canada .....	12.00	7.63	6.06	3.11	6.50	14.17	26.24	17.86	49.18
Scandinavia .....	9.66	11.67	5.08	9.75	5.17	11.18	15.56	3.62	29.07
Hungary .....	2.95	.....	4.81	3.50	.....	6.10	12.35	.....	.....
Bohemia .....	5.29	.....	.....	.....	17.54	.....	.....	.....	.....
Italy .....	15.15	8.09	10.71	11.92	13.90	13.47	23.92	25.75	87.30
Other foreign countries .....	7.43	1.73	1.23	4.82	5.03	9.47	12.55	21.46	65.79

Table 19 shows for the children of Irish and of German mothers in Boston during the year ending May 31, 1890, the number of deaths per 100,000 of population, with distinction of certain causes of death and of certain age groups.

TABLE 19.

CAUSES OF DEATH.	CHILDREN OF IRISH MOTHERS.				CHILDREN OF GERMAN MOTHERS.			
	All ages.	Age periods.			All ages.	Age periods.		
		Under 15 years.	15 to 45 years.	45 years and over.		Under 15 years.	15 to 45 years.	45 years and over.
All causes .....	2,837.00	4,017.20	1,683.93	5,149.33	1,856.17	3,018.58	876.07	3,206.07
Males .....	1,415.39	2,170.99	863.82	2,307.19	1,051.83	1,683.44	535.85	1,737.64
Females .....	1,421.61	1,846.22	820.11	2,842.14	804.34	1,335.14	340.22	1,468.43
Measles .....	3.11	14.63						
Scarlet fever .....	5.60	20.48	2.08		4.76	19.35		
Diphtheria and croup .....	129.41	605.65	1.04		142.78	580.49		
Whooping cough .....	26.13	122.89			19.04	77.40		
Cerebro-spinal fever .....	1.87	5.85	1.04					
Typhoid fever .....	52.26	20.48	71.81	26.26	28.56		42.53	24.47
Diarrheal diseases and cholera infantum .....	102.24	690.50	14.57	193.63	185.62	638.54	17.01	97.90
Malarial fever .....	1.87	2.93	1.04	3.28				
Erysipelas and septicæmia .....	11.82	23.41	7.29	13.13	4.76			24.47
Veneral diseases .....	6.22	17.56	3.12	3.28				
Alcoholism .....	29.24		36.43	39.38	19.04		25.52	24.47
Premature birth .....	26.75	125.81			28.56	116.10		
Stillbirths .....	93.94	441.80			90.43	367.65		
Inanition and debility and atrophy .....	138.12	488.62	5.20	164.10	76.15	270.90		48.95
Old age .....	66.57			351.17	23.80			122.37
Rheumatism .....	10.58	5.85	2.08	42.66				
Tubercular diseases .....	673.79	441.80	757.66	609.51	380.75	270.90	382.75	513.95
Consumption .....	584.20	102.41	733.73	653.10	299.84	38.70	357.23	465.00
Scrofula and tabes .....	4.36	5.85	4.16	3.28	9.52	38.70		
Hydrocephalus .....	32.97	152.14	1.04		19.04	58.05		24.47
Inflammation of the brain .....	41.68	160.92	9.37	9.85	52.35	135.45	25.52	24.47
Diseases of the bones and joints .....	10.58	20.48	9.37	3.28				
Cancer and tumor .....	87.72	2.93	43.71	321.63	66.63		34.02	244.74
Diabetes .....	3.73		2.08	13.13				
Diseases of the nervous system .....	212.78	301.36	73.89	551.36	171.34	154.80	59.54	513.95
Apoplexy .....	81.50		23.94	354.45	85.67		25.52	367.11
Tetanus .....	0.62			3.28				
Trismus nascentium and convulsions .....	24.26	99.48	4.16	3.28	4.76	19.35		
Diseases of the circulatory system .....	215.89	70.22	120.73	679.36	152.30	58.05	59.54	538.42
Aneurism .....	4.36		4.16	9.85	9.52		8.51	24.47
Heart disease and dropsy .....	208.42	49.74	117.60	672.79	133.26	19.35	51.03	513.95
Diseases of the respiratory system .....	523.23	643.69	275.80	1,168.36	223.09	387.00	85.06	416.05
Bronchitis .....	135.63	239.92	26.02	364.29	33.32	38.70		122.37
Pneumonia .....	333.47	266.25	227.92	741.71	138.02	232.20	68.04	220.26
Diseases of the digestive system .....	99.54	84.85	55.16	255.99	71.39	135.45	25.52	122.37
Diseases of the liver .....	31.73	8.78	19.77	95.18	9.52	19.35		24.47
Diseases of the urinary system .....	96.43	11.70	54.12	324.91	99.95	38.70	51.03	318.16
Bright's disease .....	36.71		20.81	127.99	42.83		17.01	171.32
Diseases of the female organs of generation .....	63.26		63.88		620.17		636.23	
Affections connected with pregnancy .....	648.48		648.48		672.46		672.46	
Abortion .....	67.76		67.76					
Childbirth and puerperal septicæmia .....	627.15		627.15		672.46		672.46	
Accidents and injuries .....	121.94	73.15	106.16	226.45	85.67	77.40	51.03	195.79
Drowned .....	7.47	11.70	6.24	6.56	9.52		8.51	24.47
Burns and scalds .....	7.47	2.93	6.24	16.41	9.52	19.35		24.47
Gunshot wounds and homicides .....	3.11		5.20					
Infanticide .....								
Railroad accidents .....	13.69	5.85	11.45	29.54	9.52			48.95
Suicides .....	8.71		8.33	19.69	19.04		17.01	48.95

a Per 100,000 total females.

b Per 100,000 females 15 to 45 years of age.

This table shows that the death rate of children of Irish mothers was much greater than that of children of

Table 24 shows the death rates per 1,000 of children of native, Irish, and German mothers in Boston, New York, Brooklyn, and the District of Columbia for the census year ending May 31, 1890, with distinction of sex and conjugal condition, and the corresponding rates for Prussia, Belgium, and Bavaria.

TABLE 24.

BIRTHPLACES OF MOTHERS.	15 TO 45 YEARS.				45 YEARS AND OVER.			
	Males.		Females.		Males.		Females.	
	Single.	Married.	Single.	Married.	Single.	Married.	Single.	Married.
<b>Boston:</b>								
Children of native mothers (white) .....	6.64	8.78	4.82	9.17	29.75	27.03	30.59	21.44
Children of Irish mothers .....	18.27	19.06	12.08	18.15	65.66	47.63	46.72	36.47
Children of German mothers .....	7.58	12.98	7.65	7.36	57.85	26.14	56.34	24.79
<b>New York:</b>								
Children of native mothers (white) .....	9.42	8.70	6.01	9.71	39.37	31.20	40.36	24.26
Children of Irish mothers .....	20.86	23.65	10.06	23.93	82.82	43.97	57.23	44.19
Children of German mothers .....	10.99	13.13	4.98	10.80	65.59	36.87	46.83	24.99
<b>Brooklyn:</b>								
Children of native mothers (white) .....	7.74	8.27	6.09	9.38	38.92	28.97	36.75	22.11
Children of Irish mothers .....	17.31	18.75	8.13	19.83	58.59	42.10	46.32	37.51
Children of German mothers .....	10.42	10.44	5.61	9.51	60.51	33.51	81.25	23.24
<b>District of Columbia:</b>								
Children of native mothers (white) .....	7.77	6.75	4.94	7.53	22.86	22.06	15.74	14.83
Children of Irish mothers .....	19.45	13.61	9.92	19.81	78.84	42.06	33.00	23.32
Children of German mothers .....	7.09	12.63	6.64	6.50	78.77	33.48	105.26	19.61
Prussia, 1885 .....	8.11	10.13	5.87	9.62	50.21	32.83	38.82	23.94
Belgium, 1880 .....	8.43	8.62	6.84	9.14	41.29	31.72	35.60	22.39
Bavaria, 1878 .....	8.14	8.58	5.93	10.28	55.04	33.46	45.34	26.75

It will be seen from this table that, as a general rule, taking persons 15 years of age and upward, the death rate of those whose mothers were born in the United States is lower than that of those whose mothers were born in Ireland or in Germany, and that of the 3 classes the death rate of those whose mothers were born in Ireland is much the highest.

For the age group 15 to 45 the death rate is, as a rule, higher among the married than among the single for both males and females.

For those 45 years of age and upward the death rate is decidedly greater among the single than among the married for both sexes and for each nationality.

#### MONTH AND SEASON.

Some data for estimating the influence of month and season upon the death rates due to certain causes in Boston and Philadelphia are given in the following table and diagram.

Table 25 shows for the 6-year period in Boston and Philadelphia the average annual death rates per 10,000 of population for each month in the aggregate and for children under 5 years of age.

TABLE 25.

MONTHS.	BOSTON.		PHILADELPHIA.	
	All ages.	Under 5 years.	All ages.	Under 5 years.
January .....	22.55	75.08	21.37	72.03
February .....	17.71	64.32	18.25	66.56
March .....	20.44	73.91	21.03	78.23
April .....	20.29	74.54	20.05	77.84
May .....	19.24	71.54	18.52	74.32
June .....	16.75	61.96	18.07	82.91
July .....	22.83	130.30	24.23	132.62
August .....	22			
September .....				
October .....				
November .....				
December .....				
Unknown .....				



## VITAL STATISTICS.

It will be seen from this table that the heaviest death rate of the children under 5 years of age occurred in both cities in the month of July, for which month it was about double the rates for October and for November.

For the months of February, March, April, May, June, and July, the death rates of the children under 5 years of age were heavier in Philadelphia than in Boston, while in the months of August to January, inclusive, the rates were heavier in Boston.

The following diagram shows the average death rate by months in Boston and Philadelphia for the 6 years ending May 31, 1890:

DIAGRAM 7

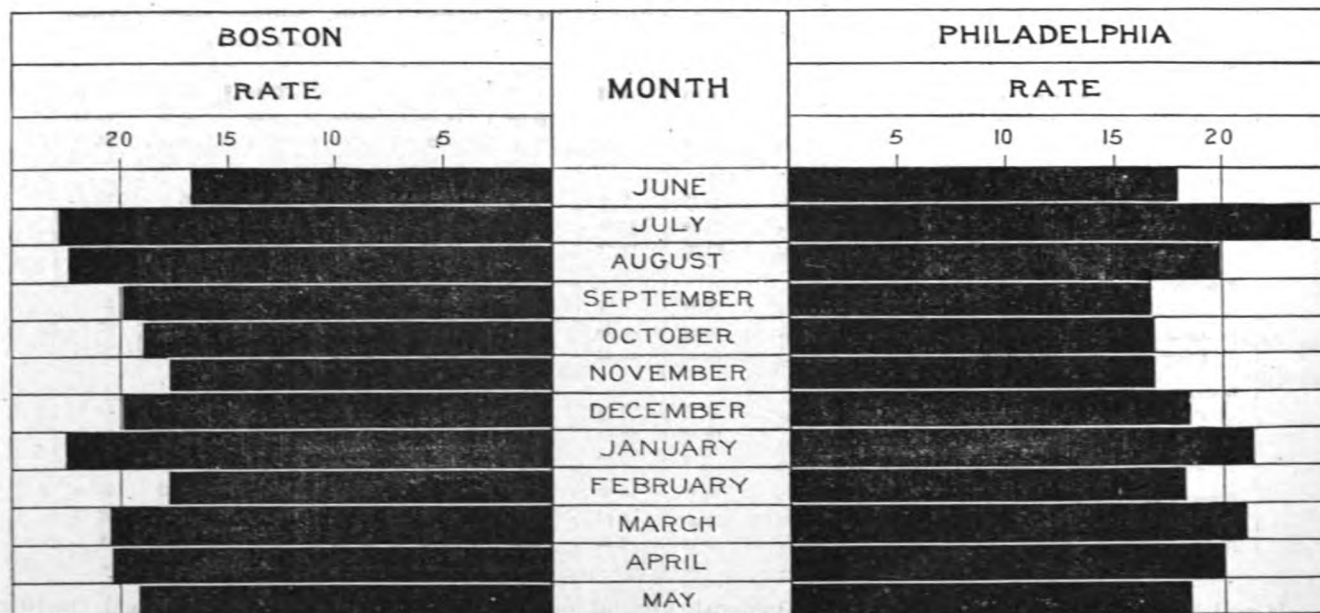


Table 99 shows the number of deaths in each month in Boston for the 6 years ending May 31, 1890, in the aggregate, and from certain specified diseases and classes of diseases, with distinction of sex and of 3 age groups.

Table 100 shows the number of deaths in each month in Philadelphia for the 6 years ending May 31, 1890, in the aggregate, and from certain specified diseases and classes of diseases, with distinction of sex and of 3 age groups.

Table 26 shows for Boston, by months, the number of deaths due to certain causes per 1,000 deaths from all causes during the 6 years ending May 31, 1890.

TABLE 26.

CAUSES OF DEATH.	MONTHS.											
	Jan- uary.	Feb- ruary.	March.	April.	May.	June.	July.	Aug- ust.	Sep- tember.	Oct- tober.	No- vember.	De- cember.
Measles.....	0.28	0.43	0.35	0.70	0.75	0.52	0.70	0.15	0.10	0.17	0.15	0.57
Scarlet fever.....	1.17	0.57	1.05	1.05	0.88	0.68	0.60	0.50	0.73	0.80	1.28	1.43
Diphtheria.....	4.48	3.37	3.10	3.22	3.45	3.30	2.13	2.27	2.73	4.13	3.77	4.50
Whooping cough.....	0.53	0.48	0.55	0.53	0.43	0.65	1.10	1.70	1.02	0.58	0.32	0.45
Cerebro spinal fever.....	0.15	0.10	0.27	0.10	0.13	0.15	0.20	0.13	0.13	0.13	0.08	0.07
Typhoid fever.....	0.63	0.62	0.73	0.90	0.88	0.83	1.72	2.12	2.90	2.53	1.60	1.27
Diarrheal diseases.....	1.87	1.38	1.88	2.07	2.13	3.63	26.98	25.36	14.36	5.60	2.77	1.73
Malarial fever.....	0.07	.....	0.07	0.05	.....	0.07	0.03	0.15	0.06	0.10	0.07	0.05
Inanition, debility and atrophy, and old age.....	5.83	5.43	3.81	6.01	5.76	4.53	7.26	8.36	8.11	7.33	4.65	5.90
Consumption.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.16

## VITAL STATISTICS.

Table 28 shows for males 15 years of age and upward engaged in certain occupations in Boston and Philadelphia during the 6 years ending May 31, 1890, the number dying and the number of deaths from certain causes per 1,000 deaths from all causes for each specified occupation.

TABLE 28.

OCCUPATIONS.	Locality.	Total number of deaths.	NUMBER OF DEATHS PER 1,000 DEATHS FROM ALL CAUSES.								
			Typhoid fever.	Consumption.	Cancer.	Heart disease.	Diseases of the nervous system.	Diseases of the respiratory system.	Bright's disease.	Suicides.	Accidents and injuries (except burns).
All selected occupations.....	Boston.....	14,046	29.47	267.83	27.41	91.27	93.12	182.54	28.05	12.32	77.89
	Philadelphia..	13,159	55.17	229.73	24.77	100.46	116.27	110.11	32.30	14.29	75.69
Clergymen.....	Boston.....	48	20.83	83.33	62.50	83.33	145.83	125.00	20.83		41.67
	Philadelphia..	121	24.79	140.50	41.32	148.76	140.50	107.44	33.06	8.26	33.06
Lawyers.....	Boston.....	83	12.05	96.59		120.48	120.48	168.67	84.34	48.19	48.19
	Philadelphia..	115	43.48	139.13	34.78	86.96	147.83	156.52	26.09	8.70	17.39
Physicians and surgeons.....	Boston.....	100	20.00	90.00	40.00	100.00	150.00	190.00	30.00	30.00	10.00
	Philadelphia..	184	38.04	135.87	21.74	163.04	168.48	163.04	43.48		10.87
Accountants, bookkeepers, clerks, etc.....	Boston.....	1,043	31.64	422.82	7.87	72.87	84.37	131.35	24.93	15.34	40.27
	Philadelphia..	741	68.83	327.94	10.80	79.62	110.66	103.91	47.23	17.54	41.84
Dealers, retail.....	Boston.....	873	22.91	155.78	32.07	145.48	166.09	146.62	37.80	9.16	33.22
	Philadelphia..	724	44.20	176.80	37.29	127.07	151.93	118.78	33.15	19.34	35.91
Saloon keepers, bartenders, etc.....	Boston.....	170	11.76	276.47	17.65	58.82	94.12	152.94	29.41	41.18	35.29
	Philadelphia..	210	47.62	223.81	14.29	80.95	138.10	119.05	28.57	33.33	57.14
Barbers and hairdressers.....	Boston.....	110	18.18	436.36	27.27	72.73	109.09	90.91	27.27	18.18	9.09
	Philadelphia..	129	69.77	317.83		147.29	100.78	100.78	7.75	38.76	54.26
Policemen, watchmen, and detectives.....	Boston.....	132	15.15	113.64	37.88	181.82	128.79	181.82	30.30		68.18
	Philadelphia..	210	9.52	161.90	38.10	152.38	176.19	142.86	38.10	9.52	42.86
Soldiers, sailors, and marines (United States).....	Boston.....	17		117.65	58.82	176.47	117.65	117.65	58.82		58.82
	Philadelphia..	21	47.62	142.86	95.24	47.62	190.48	190.48		47.62	
Laborers.....	Boston.....	3,876	35.35	267.54	27.86	79.46	74.05	205.62	17.80	5.42	93.40
	Philadelphia..	1,199	55.05	221.02	21.68	101.75	96.75	135.95	15.85	6.67	98.42
Servants.....	Boston.....	314	44.50	334.39	15.92	127.39	47.77	117.83	19.11	19.11	57.32
	Philadelphia..	292	37.67	304.79	10.27	109.59	113.01	75.34	34.25	20.55	41.10
Bakers and confectioners.....	Boston.....	131	38.17	236.64	30.53	91.60	160.31	129.77	15.27		61.07
	Philadelphia..	244	131.15	188.52	32.79	94.26	122.95	94.26	28.60	16.39	90.16
Blacksmiths.....	Boston.....	188	21.28	202.13	21.28	106.38	95.74	143.62	26.60	10.64	58.51
	Philadelphia..	185	43.24	237.84	16.22	102.70	86.49	108.11	32.43	16.22	81.08
Boot and shoe makers.....	Boston.....	272	18.38	257.35	40.44	80.88	62.50	136.03	33.09	22.06	78.53
	Philadelphia..	521	17.27	216.89	32.63	122.84	134.36	88.29	32.63	15.36	42.23
Carpenters and joiners.....	Boston.....	625	30.40	208.00	46.40	99.20	110.40	147.20	25.60	12.80	88.00
	Philadelphia..	619	48.47	184.17	27.46	103.39	116.32	108.24	35.54	8.08	103.39
Compositors, printers, and pressmen.....	Boston.....	216	18.52	430.56	9.26	69.44	78.70	138.89	23.15	9.26	50.93
	Philadelphia..	172	52.33	377.91	5.81	87.21	116.28	104.65	63.95		34.88
Marble and stone cutters.....	Boston.....	161	37.27	496.89		49.69	43.48	111.80	68.32		43.48
	Philadelphia..	84	35.71	261.90	23.81	71.43	142.86	95.24	83.33	11.90	83.33
Masons, brick and stone.....	Boston.....	203	9.85	187.19	34.48	83.74	98.52	187.19	24.63	9.85	123.15
	Philadelphia..	236	55.08	241.53	29.66	93.22	114.41	110.17	42.37	8.47	72.03
Painters, glaziers, and varnishers.....	Boston.....	415	26.51	279.52	14.46	67.47	86.75	146.99	60.24	12.05	72.29
	Philadelphia..	311	48.23	212.22	19.29	96.46	147.91	80.39	54.66	19.29	93.25
Plumbers and gas and steam fitters.....	Boston.....	155	25.81	380.65	10.35	77.42	58.06	167.74	51.61		58.06
	Philadelphia..	71	14.08	309.86		84.51	112.68	98.59	28.17	14.80	98.59
Tailors.....	Boston.....	305	6.56	255.74	39.34	78.69	114.75	180.06	22.95	9.84	52.46
	Philadelphia..	350	34.29	231.43	40.00	120.00	122.86	108.57	34.29	22.86	37.14
Draymen, hackmen, teamsters, etc.....	Boston.....	782	43.48	299.23	25.58	81.84	76.73	173.91	30.60	7.67	95.91
	Philadelphia..	418	47.85	263.16	19.14	88.52	129.19	112.44	21.53	7.18	129.19
Farmers, planters, and overseers.....	Boston.....	143	27.97	83.92	90.91	69.93	132.87	153.85	34.97	20.98	83.92
	Philadelphia..	241	20.75	103.73	29.05	120.33	153.53	95.44	41.49	8.30	92.24
		334	17.96	227.54	23.85	89.82	65.87	140.72	26.05	8.98	182.63
								77.49	20.52	7.38	107.01

Table 31 shows for the aggregate and for the white population of Boston the number of deaths during the census year per 100,000 of population, with distinction of certain causes of death and of certain age groups.

TABLE 31.

CAUSES OF DEATH.	AGGREGATE.						WHITE.					
	All ages.	Age periods.					All ages.	Age periods.				
		Under 1 year.	Under 5 years.	5 to 15 years.	15 to 45 years.	45 years and over.		Under 1 year.	Under 5 years.	5 to 15 years.	15 to 45 years.	45 years and over.
All causes .....	2,478.83	32,869.11	10,185.74	710.21	1,211.31	4,074.94	2,462.22	32,576.37	10,049.30	699.84	1,202.43	4,059.68
Males.....	1,266.06	18,195.20	5,557.22	341.40	624.86	1,914.52	1,257.00	18,051.87	5,493.62	343.66	616.77	1,907.99
Females .....	1,212.77	14,673.91	4,628.52	368.82	586.45	2,160.42	1,204.63	14,524.50	4,555.68	356.18	585.66	2,151.69
Measles.....	3.57	67.93	32.37	4.11			3.64	69.16	32.87	4.17		
Scarlet fever.....	7.36	56.61	39.84	17.82	1.60		7.50	57.64	40.45	18.00	1.64	
Diphtheria and croup.....	142.26	407.61	1,035.75	271.47	8.40	3.51	144.36	414.99	1,046.04	274.09	8.59	3.57
Whooping cough.....	24.97	611.41	273.88	2.74			23.87	599.42	260.40	2.78		
Cerebro-spinal fever.....	2.90	56.61	19.92	4.11	0.80		2.96	57.64	20.23	4.17	0.82	
Typhoid fever.....	38.80	22.64	7.47	19.19	55.21	22.25	38.87	23.05	7.58	18.09	55.06	22.59
Diarrheal diseases and cholera infantum.....	199.12	7,167.12	1,872.32	16.45	10.80	119.44	198.91	7,100.86	1,858.17	16.70	10.64	121.26
Malarial fever.....	2.68			2.74	2.40	4.68	2.50			1.39	2.46	4.76
Erysipelas and septicæmia.....	11.37	124.55	34.86		7.60	21.08	10.91	126.80	35.39		6.55	21.40
Veneral diseases.....	8.70	351.00	84.65		1.60	1.17	8.87	357.35	85.96		1.64	1.19
Alcoholism.....	18.06				22.40	29.27	18.19				22.51	29.72
Premature birth.....	39.47	2,004.68	440.69				38.65	1,959.65	429.78			
Stillbirths.....	134.68	6,838.77	1,503.83				132.99	6,743.52	1,478.95			
Inanition and debility and atrophy.....	136.91	5,321.56	1,277.26	8.23	4.00	99.53	136.17	5,314.12	1,269.12	6.96	4.09	97.48
Old age.....	46.38					243.56	47.28					247.27
Rheumatism.....	8.03	11.32	4.96	6.66	2.40	26.93	8.18	11.53	5.06	6.96	2.46	27.34
Tubercular diseases.....	485.42	2,411.68	1,060.65	153.56	498.45	461.36	475.35	2,374.64	1,041.59	146.09	489.90	448.17
Consumption.....	375.72	351.00	176.78	71.30	476.44	434.43	365.78	345.82	164.33	62.61	468.20	422.02
Scrofula and tubercles.....	9.14	192.48	54.78	5.48	4.00	5.85	9.09	184.44	53.09	5.57	4.09	5.94
Hydrocephalus.....	40.36	758.61	380.94	28.79	2.40	1.17	40.46	749.28	381.75	29.22	2.05	1.19
Inflammation of the brain.....	51.28	1,098.28	433.22	30.16	9.20	12.68	51.15	1,083.57	427.25	30.61	9.41	13.08
Diseases of the bones and joints.....	8.92	11.32	14.94	17.82	6.40	5.85	8.87	11.53	15.17	18.09	6.14	5.94
Cancer and tumor.....	79.38	11.32	7.47	2.74	34.40	310.30	80.70	11.53	7.58	2.78	35.20	313.84
Diabetes.....	5.80			1.37	2.80	21.08	5.91			1.39	2.86	21.40
Diseases of the nervous system.....	222.75	2,490.94	841.55	50.73	57.61	562.06	222.56	2,466.86	829.23	51.48	58.12	561.10
Apoplexy.....	70.46	22.64	4.98	1.37	15.20	322.01	70.25	11.53	2.53	1.39	15.55	319.78
Tetanus.....	0.89				1.20	1.17	0.91				1.23	1.19
Trismus nascentium and convulsions.....	27.87	1,041.67	291.31		2.40	2.84	27.06	1,048.90	293.26		2.05	2.88
Diseases of the circulatory system.....	179.72	509.51	122.00	32.91	86.41	605.30	175.95	495.68	116.29	33.39	81.86	599.14
Aneurism.....	3.57				2.40	11.71	3.41				2.05	11.89
Heart disease and dropsy.....	170.35	260.42	67.22	32.91	84.81	586.65	167.09	265.18	65.73	33.39	80.63	580.12
Diseases of the respiratory system.....	408.94	3,759.06	1,581.02	91.86	176.02	810.30	405.79	3,700.29	1,532.04	90.44	178.03	807.18
Bronchitis.....	105.24	1,630.43	585.10	16.45	16.00	216.63	103.21	1,602.81	558.72	15.30	16.37	216.36
Pneumonia.....	251.29	1,607.79	672.24	49.36	144.01	539.81	249.84	1,579.25	647.20	48.70	145.70	537.33
Diseases of the digestive system.....	89.41	656.70	209.14	23.31	56.81	185.01	89.80	668.80	209.83	23.65	57.30	184.26
Diseases of the liver.....	22.07	147.19	34.86	4.11	11.60	62.06	22.28	149.86	35.39	4.17	11.87	61.82
• Diseases of the urinary system.....	81.16	56.61	22.41	9.60	43.60	279.86	80.70	57.64	22.75	6.96	43.79	278.17
Bright's disease.....	32.55			1.37	17.20	119.44	32.51				17.60	118.88
Diseases of the female organs of generation.....	112.57				614.75	619.70	112.79				615.04	619.97
Affections connected with pregnancy.....	646.59				645.81	61.17	647.50				646.71	
Abortion.....	64.66				64.66		64.75				64.75	
Childbirth and puerperal septicæmia.....	631.83				631.06	61.17	632.46				631.67	
Accidents and injuries.....	109.04	486.87	164.33	34.28	95.61	186.18	109.35	495.68	166.86	34.78	95.77	185.45
Drowned.....	8.03	11.32	4.98	6.86	7.20	12.88	8.18	11.53	5.06	6.96	7.37	13.08
Burns and scalds.....	7.58	11.32	19.92		6.40	11.71	7.73	11.53	20.23		6.55	11.89
Gunshot wounds and homicides.....	2.45	11.32	2.49	1.37	3.60		2.50	11.53	2.53	1.39	3.68	
Infanticide.....												
Railroad accidents.....	12.93			6.86	13.60		13.19			6.96	13.92	22.59
Suicides.....	12.04				12.80		12.28				13.10	26.15

a Per 100,000 total females.

b Per 100,000 females 15 to 45 years of age.

c Per 100,000 females 45 years of age and over.

## VITAL STATISTICS.

TABLE 32.

CAUSES OF DEATH.	AGGREGATE.						WHITE.					
	All ages.	Age periods.					All ages.	Age periods.				
		Under 1 year.	Under 5 years.	5 to 15 years.	15 to 45 years.	45 years and over.		Under 1 year.	Under 5 years.	5 to 15 years.	15 to 45 years.	45 years and over.
All causes.....	2,267.32	29,572.66	9,077.54	567.33	1,048.26	3,777.52	2,228.22	28,778.77	8,811.55	544.24	1,025.54	3,743.57
Males.....	1,186.19	16,212.25	4,913.56	291.10	558.06	1,866.16	1,165.92	15,764.30	4,779.98	276.51	546.06	1,849.53
Females.....	1,081.13	13,360.41	4,163.98	276.23	490.20	1,911.36	1,062.30	12,974.47	4,031.56	267.73	479.48	1,894.04
Measles.....	10.32	146.91	96.10	3.19	0.36	.....	10.43	152.01	97.15	2.74	0.37	.....
Scarlet fever.....	17.86	34.57	113.40	31.87	1.43	0.51	18.58	35.77	116.97	32.92	1.50	0.53
Diphtheria and croup.....	80.61	259.26	584.28	114.74	2.68	2.57	82.06	263.78	595.76	113.57	2.62	2.12
Whooping cough.....	9.36	276.54	89.37	1.59	0.18	0.51	9.14	268.25	86.24	1.65	0.19	0.53
Cerebro-spinal fever.....	2.67	25.93	13.45	3.19	0.71	2.05	2.48	22.35	12.89	3.29	0.37	2.12
Typhoid fever.....	73.55	25.93	29.79	38.78	103.22	45.20	72.82	22.35	29.74	36.76	103.60	43.46
Diarrheal diseases and cholera infantum.....	153.01	4,234.54	1,197.40	18.06	19.82	108.38	151.40	4,140.03	1,171.70	17.56	19.45	109.17
Malarial fever.....	5.73	30.25	10.57	3.10	3.93	10.79	5.66	31.30	9.91	3.29	3.93	10.60
Erysipelas and septicæmia.....	17.19	120.99	39.40	3.19	15.18	24.66	16.99	116.24	38.66	3.29	14.77	24.91
Venereal diseases.....	4.97	168.52	38.44	0.53	1.61	1.03	4.57	165.42	37.67	0.55	1.12	0.53
Alcoholism.....	9.26	4.32	0.96	0.53	10.00	20.03	9.44	4.47	0.99	0.55	10.47	19.61
Premature birth.....	16.24	730.24	163.37	.....	.....	.....	15.40	688.51	153.65	.....	.....	.....
Stillbirths.....	138.21	6,252.43	1,390.56	.....	.....	.....	135.61	6,102.74	1,353.11	.....	.....	.....
Inanition and debility and atrophy.....	224.46	6,675.88	1,644.26	7.44	10.18	291.76	220.15	6,460.41	1,586.06	7.13	10.47	289.88
Old age.....	43.84	.....	.....	.....	.....	235.77	43.71	.....	.....	.....	.....	233.18
Rheumatism.....	4.11	.....	0.96	3.72	2.68	10.27	3.87	.....	0.99	3.29	2.81	9.01
Tubercular diseases.....	360.85	1,477.77	607.35	88.71	386.98	417.10	350.39	1,479.86	592.79	79.00	375.13	412.83
Consumption.....	279.57	112.34	60.54	33.47	366.44	384.74	269.42	107.30	50.56	24.69	354.94	380.50
Scrofula and tubercles.....	7.93	129.63	42.28	2.66	3.75	6.68	7.75	129.66	39.65	2.19	3.93	6.89
Hydrocephalus.....	13.66	229.01	104.75	10.09	2.14	1.54	13.21	228.01	101.11	9.88	2.06	1.06
Inflammation of the brain.....	55.68	985.18	388.24	37.72	11.79	21.57	56.03	992.53	389.58	37.31	11.59	21.73
Diseases of the bones and joints.....	4.01	21.60	11.53	4.78	2.86	2.57	3.97	22.35	11.90	4.94	2.62	2.65
Cancer and tumor.....	55.88	4.32	2.88	2.66	22.86	230.04	56.63	4.47	2.97	2.74	22.25	234.77
Diabetes.....	4.58	.....	.....	0.53	2.86	15.92	4.67	.....	.....	0.55	2.99	15.90
Diseases of the nervous system.....	305.36	4,653.67	1,548.16	81.28	58.75	567.09	302.01	4,533.46	1,503.78	77.91	58.16	567.05
Apoplexy.....	58.45	90.74	27.87	3.19	11.96	261.97	59.21	89.42	26.76	3.29	12.16	263.92
Tetanus.....	1.15	.....	.....	1.59	1.07	1.54	0.99	.....	.....	1.65	0.75	1.59
Trismus nascentium and convulsions.....	93.70	2,847.51	871.62	19.12	5.00	5.14	91.00	2,754.06	841.60	16.46	5.05	5.30
Diseases of the circulatory system.....	177.66	1,136.41	278.69	43.03	76.07	546.03	174.15	1,166.90	282.52	43.34	72.37	531.01
Aneurism.....	2.67	.....	.....	.....	1.96	8.73	2.28	.....	.....	.....	1.50	7.95
Heart disease and dropsy.....	161.04	358.64	106.67	44.09	76.25	547.06	157.16	366.61	105.08	44.44	72.93	532.60
Diseases of the respiratory system.....	330.38	2,860.48	1,409.78	106.24	134.29	534.22	322.47	2,709.35	1,346.17	96.85	131.65	531.01
Bronchitis.....	56.93	855.55	322.89	7.97	11.61	92.46	55.53	831.58	306.31	7.13	11.41	93.27
Pneumonia.....	187.11	1,343.82	612.15	48.34	103.93	333.37	180.31	1,220.55	565.03	43.89	101.54	329.63
Diseases of the digestive system.....	93.60	695.67	201.81	19.12	52.50	226.01	92.89	675.10	194.29	19.20	51.80	226.29
Diseases of the liver.....	27.22	103.70	27.87	1.06	13.21	92.46	27.82	102.83	27.76	1.10	13.28	94.86
Diseases of the urinary system.....	78.04	43.21	28.83	9.56	45.00	265.57	75.80	40.24	25.77	8.23	44.32	257.03
Bright's disease.....	34.67	.....	.....	4.78	21.25	120.71	33.48	.....	.....	3.29	20.38	117.65
Diseases of female organs of generation.....	a8.02	.....	.....	.....	b8.71	c17.34	a7.58	.....	.....	.....	b8.04	c16.92
Affections connected with pregnancy.....	b24.38	.....	.....	.....	b24.38	.....	b24.84	.....	.....	.....	b24.84	.....
Abortion.....	b2.09	.....	.....	.....	b2.09	.....	b2.10	.....	.....	.....	b2.19	.....
Childbirth and puerperal septicæmia.....	b14.63	.....	.....	.....	b14.63	.....	b14.61	.....	.....	.....	b14.61	.....
Accidents and injuries.....	88.64	406.17	145.11	48.87	76.97	130.47	88.12	371.08	135.81	49.93	76.67	131.96
Drowned.....	11.84	.....	4.80	15.94	11.61	12.33	12.02	.....	4.96	16.46	11.59	12.72
Burns and scalds.....	9.65	8.64	31.71	12.75	5.36	7.19	9.44	8.94	30.73	12.62	5.05	7.42
Gunshot wounds and homicides.....	2.48	.....	.....	0.53	3.93	1.54	2.38	.....	.....	0.55	3.74	1.59
Infanticide.....	0.10	4.32	0.96	.....	.....	.....	0.10	4.47	0.99	.....	.....	.....
Railroad accidents.....	10.32	.....	.....	4.78	13.04	13.36	10.63	.....	.....	4.94	13.46	13.78
Suicides.....	9.07	.....	.....	.....	9.82	20.55	9.34	.....	.....	.....	10.10	21.20

a Per 100,000 total females.

b Per 100,000 females 15 to 45 years of age.

c Per 100,000 females 45 years of age and over.

Some of the differences between the 2 cities indicated by the 2 preceding tables are worth noting.

## VITAL STATISTICS.

## CONSUMPTION.

During the 6-year period consumption caused 9,717 deaths in Boston, or 386.51 deaths annually per 100,000 of mean population. During the census year it caused 1,685 deaths, or 375.72 deaths per 100,000 of population, the rate being below the average for the 6 years.

In Philadelphia the death rates due to this cause were less; 17,442 deaths from it occurred during the 6 years, or 297.87 per 100,000 of mean population, and 2,927 deaths during the census year, or 279.57 per 100,000, being also below the average for the 6 years.

Table 33 shows the death rates due to consumption during the census year for 2 groups of ages per 100,000 of population of those ages.

TABLE 33.

LOCALITIES.	DEATH RATES PER 100,000 OF POPULATION.	
	15 to 45 years.	45 years and over.
Boston .....	476.44	434.43
Philadelphia .....	366.44	384.74

Table 34 shows the number of deaths due to consumption during the census year per 100,000 of population in Boston and Philadelphia, with distinction of color, nativity, and parental nativity.

TABLE 34.

COLOR, NATIVITY, AND PARENTAL NATIVITY.	DEATH RATES PER 100,000 OF POPULATION.	
	Boston.	Philadelphia.
White .....	365.78	269.42
Native born .....	302.25	242.98
Both parents native .....	176.07	.....
One or both parents foreign .....	418.39	.....
Foreign born .....	480.60	342.22
Colored .....	884.75	532.52
Birthplaces:	Of mothers.	Of persons.
United States (white) .....	168.69	242.98
Ireland .....	584.20	483.17
Germany .....	299.84	273.44

It will be seen from this table that the death rate from consumption was greatest among the colored, and among the white that it was greatest among those whose mothers were born in Ireland or who were themselves natives of Ireland, being more than 3 times the corresponding rate for those whose mothers were born in the United States, and almost double the rate for those who were themselves natives of this country. Among those whose mothers were born in Germany the death rate from this cause was much less than it was among those of Irish descent, but greater than it was among those whose mothers were born in the United States.

Tables 68 and 69 give the death rates due to consumption in each sanitary district according to average altitude, from which it appears that the rates become less as the altitude of the district increases.

Tables 28 and 29 show the different proportions of deaths due to consumption out of the total number of deaths in persons of certain occupations, and Tables 76 to 79 show the number of deaths due to consumption during the 6 years and the average annual death rates per 100,000 of mean population in each sanitary district in Boston and in Philadelphia.

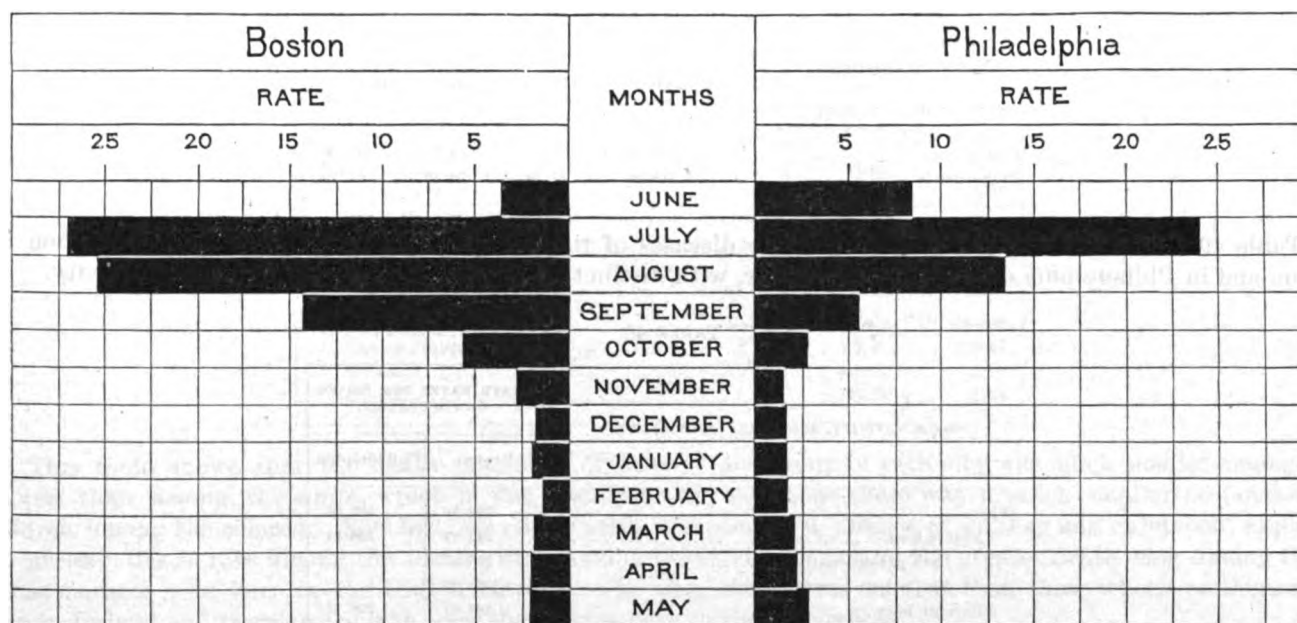
The highest death rate due to this cause in Boston during the 6-year period was in ward 8, being 671.56 per 100,000 of mean population, and the lowest occurred in sanitary district B of ward 9, being 93.79 per 100,000 of mean population.

In Philadelphia the highest death rate was 498.02 per 100,000 of mean population in ward 5 and the lowest 143.47 in ward 33.

The shaded maps, which indicate the relative prevalence of consumption in the different districts in Boston and in Philadelphia, should be examined in connection with the maps showing the relative mortality from all causes in these cities. They indicate that consumption was most prevalent in the wards 8 and 9 in Boston, and in ward 5 in Philadelphia.

The following diagram shows the relative death rates produced by diarrheal diseases in each month of the 6 years in Boston and in Philadelphia:

DIAGRAM 9



The influence of the earlier occurrence of warm weather in Philadelphia will be seen in this diagram, the death rate in May and June in Philadelphia from this cause being considerably greater than in Boston, in which city the months of maximum mortality are July and August, and the death rate in September and October was much greater than in Philadelphia.

Tables 28 and 29 show the proportions of deaths due to diarrheal diseases out of the total number of deaths among persons engaged in certain occupations, and Tables 76 to 79 show the number of deaths due to diarrheal diseases during the 6 years, and the average annual death rates per 100,000 of mean population in each sanitary district in Boston and in Philadelphia.

The highest death rate due to this cause during the 6-year period in Boston occurred in ward 13, being 369.58 per 100,000 of mean population, and the lowest occurred in sanitary district B of ward 10, being 47.89 per 100,000 of mean population.

In Philadelphia the highest death rate due to this cause was 297.72 per 100,000 of mean population in ward 16 and the lowest was 80.31 in ward 32.

The relations of the death rate from diarrheal diseases to local altitude are shown for Boston and Philadelphia in Tables 68 and 69.

The shaded maps, showing the relative prevalence of diarrheal diseases in Boston and in Philadelphia, indicate that the localities in which these diseases were most fatal were low lying and tenement house districts, in which there were comparatively large proportions of children.

#### DISEASES OF THE NERVOUS SYSTEM.

During the 6-year period diseases of the nervous system caused 6,127 deaths in Boston, or 243.71 annually per 100,000 of mean population. During the census year they caused 999 deaths, or 222.75 per 100,000 of population, the rate being below the average for the 6 years.

In Philadelphia the death rate due to this class of causes was greater both in the 6 years and in the census year. The number of deaths during the 6-year period was 18,669, or 318.83 per 100,000 of mean population, while during the census year the number of deaths due to these causes was 3,197, or 305.36 per 100,000 of population.

Table 39 shows the death rates due to diseases of the nervous system during the census year ~~for~~ 4 groups of ages per 100,000 of population of those ages.

TABLE 39.

LOCALITIES.	DEATH RATES PER 100,000 OF POPULATION.			
	Under 5 years.	5 to 15 years.	15 to 45 years.	45 years and over.
Boston.....	841.55	50.73	57.61	562.06
Philadelphia.....	1,548.16	81.28	58.75	567.09

Table 40 shows the number of deaths due to diseases of the nervous system per 100,000 of population in Boston and in Philadelphia during the census year, with distinction of color, nativity, and parental nativity.

TABLE 40.

COLOR, NATIVITY, AND PARENTAL NATIVITY.	DEATH RATES PER 100,000 OF POPULATION.	
	Boston.	Philadelphia.
White .....	222.56	302.01
Native born .....	242.22	336.84
Both parents native .....	256.37	.....
One or both parents foreign .....	229.20	.....
Foreign born .....	187.01	206.15
Colored .....	232.83	388.86
Birthplaces:	Of mothers.	Of persons.
United States (white) .....	254.40	336.84
Ireland .....	212.78	253.30
Germany .....	171.34	222.75

It will be seen from this table that the death rate from this class of diseases was somewhat greater among the colored than among the white, and that among the white it was greatest among the native and among those whose mothers were born in the United States or who were themselves natives of this country. This is due to the fact that a large part of the mortality reported as due to diseases of the nervous system is due to convulsive diseases of infants, the proportion of whom is much greater among the native than among the foreign born.

Tables 76 to 79 show the number of deaths due to diseases of the nervous system during the 6 years and the average annual death rate per 100,000 of mean population in each sanitary district in Boston and in Philadelphia.

During the 6-year period the highest death rate due to this class of causes in Boston occurred in sanitary district A of ward 4 and the lowest in sanitary district A of ward 22, being 385.61 and 115.01, respectively, per 100,000 of mean population.

In Philadelphia the highest death rate due to these causes was 460.55 per 100,000 of mean population in ward 16 and the lowest was 191.09 per 100,000 of mean population in ward 33.

#### DIPHTHERIA AND CROUP.

During the 6-year period diphtheria and croup caused 3,130 deaths in Boston, or 124.50 deaths annually per 100,000 of mean population. During the census year they caused 638 deaths, or 142.26 per 100,000 of population, the rate being above the average.

In Philadelphia the death rates due to these causes were much less; 5,756 deaths occurred during the 6 years, or 98.30 per 100,000 of mean population; 844 deaths during the census year, or 80.61 per 100,000 of population, which was below the average for the 6 years.

Table 41 shows the death rates due to diphtheria and croup during the census year for 4 groups of ages per 100,000 of population of those ages.

TABLE 41.

Table 42 shows the number of deaths due to diphtheria and croup per 100,000 of population in Boston and in Philadelphia during the census year, with distinction of color, nativity, and parental nativity.

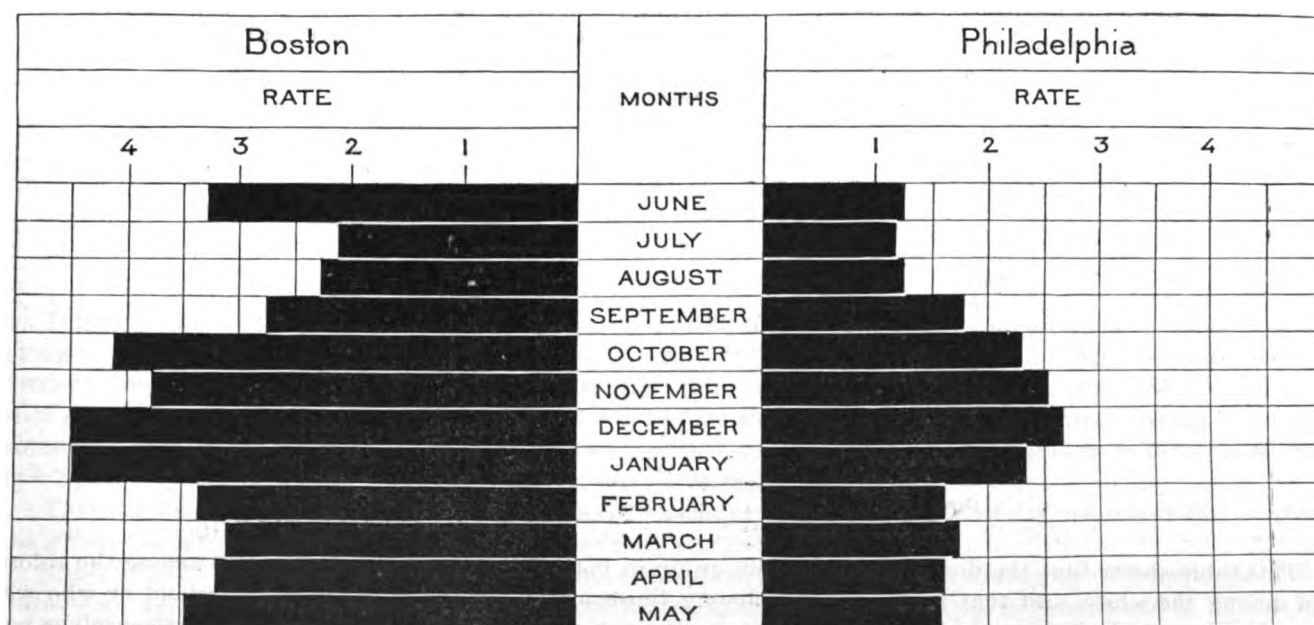
TABLE 42.

COLOR, NATIVITY, AND PARENTAL NATIVITY.	DEATH RATES PER 100,000 OF POPULATION.	
	Boston.	Philadelphia.
White .....	144.36	82.06
Native born .....	208.68	109.98
Both parents native .....	125.98	.....
One or both parents foreign .....	284.81	.....
Foreign born .....	28.08	5.22
Colored .....	34.92	44.58
Birthplaces:	Of mothers.	Of persons.
United States (white) .....	152.37	109.98
Ireland .....	129.41	2.70
Germany .....	142.78	5.34

This table shows that the death rate from diphtheria and croup in each city was much smaller among the colored than among the white, which is due mainly to the fact that there was a much smaller proportion of children among the colored. The fact that diphtheria is especially a disease of infancy and childhood, explains the greater death rate among the native than among the foreign born, and the greater death rate among those whose mothers were born in the United States or who were themselves natives, than those whose mothers were born in Ireland and Germany or who were themselves born in those countries.

The following diagram shows the relative death rates produced by diphtheria in each month of the 6 years in Boston and in Philadelphia:

DIAGRAM 10



It will be seen that in each city the heaviest death rates occurred during the winter months, the rate being highest in December in each city and lowest in July and August.

Tables 76 to 79 show the number of deaths due to diphtheria and croup during the 6 years and the average annual death rates per 100,000 of mean population in each sanitary district in Boston and in Philadelphia.

The highest death rate during the 6-year period due to this cause was, in Boston, 209.7 lowest was 11.05 in sanitary district B of ward 10.



The shaded maps, which show the relative prevalence of diphtheria and croup in the different parts of Boston and Philadelphia, indicate that the districts in which these diseases were especially fatal were mostly low lying and waterside districts, yet there are a number of such districts in which the mortality from these causes was very small. As a rule, it was most prevalent in densely populated districts, where there were large numbers of children under 5 years of age.

#### DISEASES OF THE URINARY ORGANS.

During the 6-year period diseases of the urinary organs caused 2,133 deaths in Boston, or 84.84 deaths annually per 100,000 of mean population. During the census year they caused 364 deaths, or 81.16 per 100,000 of population, the rate being below the average for the 6 years.

In Philadelphia the death rates due to these causes were less, the number of deaths during the 6-year period being 4,386, or 74.90 per 100,000 of mean population. For the census year the number of deaths was 817 and the death rate was 78.04 per 100,000, being above the average for the 6 years.

Table 43 shows the death rates due to diseases of the urinary organs during the census year for 3 groups of ages per 100,000 of population of those ages.

TABLE 43.

LOCALITIES.	DEATH RATES PER 100,000 OF POPULATION.		
	Under 15 years.	15 to 45 years.	45 years and over.
Boston.....	14.15	43.60	279.86
Philadelphia.....	16.42	45.00	265.57

The greater death rate from this cause in Boston was entirely among those 45 years of age and upward, the death rate for those under 45 years of age being less in Boston than it was in Philadelphia.

Table 44 shows the number of deaths due to diseases of the urinary organs per 100,000 of population in Boston and in Philadelphia during the census year, with distinction of color, nativity, and parental nativity.

TABLE 44.

COLOR, NATIVITY, AND PARENTAL NATIVITY.	DEATH RATES PER 100,000 OF POPULATION.	
	Boston.	Philadelphia.
White .....	80.70	75.80
Native born .....	63.91	60.81
Both parents native.....	79.56	.....
One or both parents foreign.....	49.50	.....
Foreign born .....	111.06	117.06
Colored .....	104.77	133.75
Birthplaces:	Of mothers.	Of persons.
United States (white).....	66.66	60.81
Ireland .....	96.43	138.82
Germany .....	99.95	128.05

This table shows that the death rate from this group in both cities was decidedly greater among the colored than among the white, and that it was greater among those whose mothers were born in Ireland or who were themselves born in Ireland, and among those whose mothers were born in Germany or who were themselves born in Germany, than it was among those who were born in the United States or who were themselves natives of this country.

These differences are largely due to the facts that diseases of the urinary organs are mainly diseases of adult life, and that the proportion of adults in these cities was much greater among the colored, among the foreign born, and among those whose mothers were born in Ireland or in Germany or who were themselves natives of these countries, than it was among the natives.

Tables 76 to 79 show the number of deaths due to diseases of the urinary organs during the 6-year period

## DISEASES OF THE LIVER.

During the 6-year period diseases of the liver caused 589 deaths in Boston, or 23.43 deaths annually per 100,000 of mean population. During the census year they caused 99 deaths, or 22.07 per 100,000, the rate being below the average for the 6 years.

In Philadelphia the death rates due to these causes were greater, the number of deaths during the 6 years being 1,615, or 27.58 per 100,000 of mean population. For the census year the number of deaths was 285 and the death rate was 27.22 per 100,000, being also slightly below the average for the 6 years.

Table 49 shows the death rates due to diseases of the liver during the census year for 3 groups of ages per 100,000 of population of those ages.

TABLE 49.

LOCALITIES.	DEATH RATES PER 100,000 OF POPULATION.		
	Under 15 years.	15 to 45 years.	45 years and over.
Boston.....	15.03	11.60	62.06
Philadelphia.....	10.61	13.21	92.46

It is evident from this that the greater death rate from these causes in Philadelphia was entirely among those over 15 years of age, the rate for those under 15 years of age being less in Philadelphia than it was in Boston.

Table 50 shows the death rates due to diseases of the liver during the census year per 100,000 of population in Boston and Philadelphia, with distinction of color, nativity, and parental nativity.

TABLE 50.

COLOR, NATIVITY, AND PARENTAL NATIVITY.	DEATH RATES PER 100,000 OF POPULATION.	
	Boston.	Philadelphia.
White.....	22.28	27.62
Native born.....	18.71	19.10
Both parents native.....	17.68	
One or both parents foreign.....	19.67	
Foreign born.....	28.72	51.82
Colored.....	11.64	12.38
Birthplaces:	Of mothers.	Of persons.
United States (white).....	19.73	19.10
Ireland.....	31.73	54.99
Germany.....	9.52	65.36

It will be seen from this table that the death rate from diseases of the liver was about twice as great among the white as among the colored, that it was decidedly greater among the foreign born than among the native, and that in Philadelphia it was greatest among those born in Germany (65.36), next among those born in Ireland (54.99), and lowest among those born in the United States (19.10). In Boston it was highest among those whose mothers were born in Ireland (31.73), next among those whose mothers were born in the United States (19.73), and lowest among those whose mothers were born in Germany (9.52).

The fact that the death rate from this class of diseases is much the greatest in those 45 years of age and upward accounts for a large part of the differences in death rates between the native and the foreign born.

Tables 76 to 79 show the number of deaths due to diseases of the liver during the 6 years and the average annual death rate per 100,000 of mean population in each sanitary district in Boston and in Philadelphia.

During the 6-year period the highest death rate due to this cause in Boston was 37.45 in sanitary district A of ward 5 and the lowest was 7.54 in sanitary district B of ward 2.

## VITAL STATISTICS.

## MALARIAL FEVER.

During the 6-year period malarial fever as reported caused 44 deaths in Boston, or 1.75 annually per 100,000 of mean population. During the census year it caused 12 deaths, or 2.68 per 100,000 of population, the rate being above the average for the 6 years.

Probably in all the cases the disease was either caused outside the city or was really typhoid fever.

In Philadelphia the death rates from this cause were greater; 422 deaths reported as due to it occurred during the 6-year period, or 7.21 per 100,000 of mean population, and 60 deaths during the census year, or 5.73 per 100,000 of population, being above the average for the 6 years. Probably a considerable number of these deaths were really due to typhoid fever.

Table 51 shows the death rates due to malarial fever during the census year for 3 groups of ages per 100,000 of population of those ages.

TABLE 51.

LOCALITIES.	DEATH RATES PER 100,000 OF POPULATION.		
	Under 15 years.	15 to 45 years.	45 years and over.
Boston.....	1.77	2.40	4.68
Philadelphia.....	5.82	3.93	10.79

Table 52 shows the number of deaths from malarial fever during the census year per 100,000 of population in Boston and Philadelphia, with distinction of color, nativity, and parental nativity.

TABLE 52.

COLOR, NATIVITY, AND PARENTAL NATIVITY.	DEATH RATES PER 100,000 OF POPULATION.	
	Boston.	Philadelphia.
White.....	2.50	5.66
Native born.....	3.18	6.09
Both parents native.....	2.95	.....
One or both parents foreign.....	3.39	.....
Foreign born.....	1.28	4.47
Colored.....	11.64	7.43
Birthplaces:	Of mothers.	Of persons.
United States (white).....	3.40	6.09
Ireland.....	1.87	3.61
Germany.....	.....	8.00

It will be seen from this table that the death rates from malarial fever were greater among the colored than among the white. The number of deaths, however, was so small, especially in Boston, that the rates calculated from them have little significance.

Tables 28 and 29 show the different proportions of deaths due to malarial fever out of the total number of deaths of persons engaged in certain occupations.

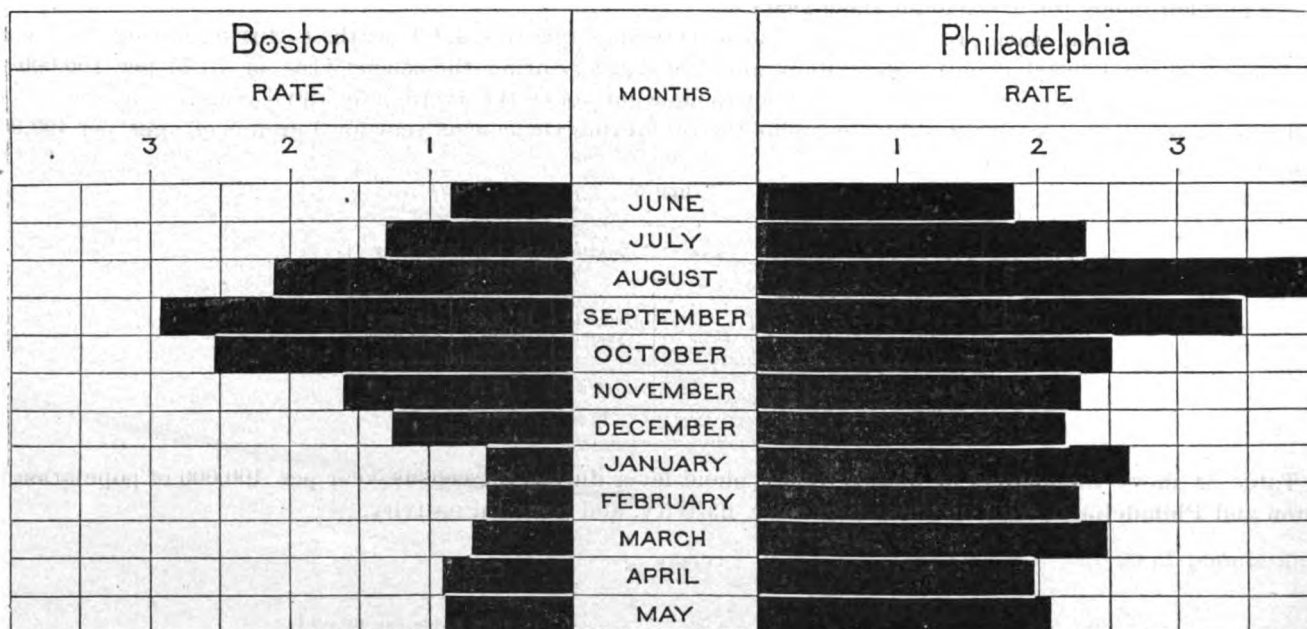
Tables 76 to 79 show the number of deaths due to malarial fever during the 6 years and the average number of deaths per 100,000 of mean population in each sanitary district in Boston and in Philadelphia, and Tables 68 and 69 give the death rates due to malarial fever in each sanitary district according to average altitude.

The highest death rate during the 6-year period in Boston due to this cause was 6.42 per 100,000 of mean population in sanitary district A of ward 2 and the lowest was 0.76 per 100,000 of mean population in ward 20.

In Philadelphia the highest death rate due to this cause was 16.82 in ward 17 and the lowest 3.05 in ward 33.

The following diagram shows the relative magnitude of the death rate from typhoid fever in Boston and in Philadelphia in each month of the 6 years:

DIAGRAM II.



It will be seen from this diagram that the heaviest death rate in the year occurred in August in Philadelphia and in September in Boston, but in every month the death rate was heavier in Philadelphia than in Boston, and remarkably so in the months of January and March.

Tables 28 and 29 show the different proportions of deaths due to typhoid fever out of the total number of deaths in persons of certain occupations, and Tables 76 to 79 show the number of deaths due to typhoid fever during the 6 years and the average annual death rates per 100,000 of mean population in each sanitary district in Boston and in Philadelphia.

The highest death rate due to this cause during the 6-year period in Boston occurred in sanitary district A of ward 4, being 63.35 per 100,000 of mean population, and the lowest occurred in sanitary district A of ward 22, being 9.58 per 100,000 of mean population.

In Philadelphia the highest death rate due to this cause was 153.20 per 100,000 of mean population in ward 16 and the lowest was 39.57 per 100,000 of mean population in ward 9.

#### CHILDBIRTH AND PUERPERAL DISEASES.

The death rates per 100,000 of population due to childbirth and puerperal diseases vary greatly in different localities in Boston and Philadelphia, but these differences depend so much on the proportion of women of childbearing ages present in the different districts that they have little scientific interest or value. If we take the women between 15 and 45 years of age we find that during the census year out of each 100,000 there died of childbirth and puerperal diseases in Boston 46.59 and in Philadelphia 24.38.

#### STILLBIRTHS.

No record of stillbirths in Boston during the 5 years preceding the census year was obtained. The number of stillbirths during the census year was 604, the rate per 100,000 of population being 134.68. In Philadelphia 6,891 stillbirths were reported as occurring during the 6 years, the average number per 100,000 of population

Table 55 shows for Boston and Philadelphia the number of stillbirths during the census year per 100,000 of population, with distinction of color, and for Boston of birthplaces of mothers.

TABLE 55.

COLOR AND BIRTHPLACES.	DEATH RATES PER 100,000 OF POPULATION.	
	Boston.	Philadelphia.
White .....	132.99	135.61
Colored.....	221.19	203.10
Birthplaces:	Of mothers.	Of persons.
United States (white) .....	150.33	184.87
England and Wales .....	110.74	
Ireland .....	93.94	
Scotland .....	110.16	
France .....	125.87	
Germany .....	90.43	
Russia and Poland .....	256.00	
Canada .....	165.02	
Scandinavia .....	180.18	
Hungary .....	438.60	
Bohemia .....	476.19	
Italy .....	261.70	
Other foreign countries .....	112.57	

It will be seen from this table that the proportion of stillbirths was much greater among the colored than among the white in each city. In Boston the proportion of stillbirths was greatest among those whose mothers were born in Bohemia, in Hungary, in Italy, and in Russia and Poland, and lowest among those whose mothers were born in Germany and in Ireland.

The ratios of stillbirths to total population are of very little interest or value. The comparisons should be made between the number of stillbirths and the number of women of childbearing ages.

Table 56 shows for Boston for the census year the number of stillbirths per 100,000 of women from 15 to 45 years of age, with distinction of color and of birthplaces of mothers.

TABLE 56.

COLOR AND BIRTHPLACES OF MOTHERS.	Death rate per 100,000 women in Boston.
White .....	463.14
Colored .....	765.20
Birthplaces of mothers:	
United States (white) .....	608.06
England and Wales .....	392.41
Ireland .....	292.80
Scotland .....	358.04
France .....	418.41
Germany .....	344.20
Russia and Poland .....	1,086.96
Canada .....	485.22
Scandinavia .....	597.50
Hungary .....	1,694.92
Bohemia .....	2,173.91
Italy .....	1,233.67
Other foreign countries .....	495.66

It will be seen from this table that the proportion of stillbirths per 100,000 women from 15 to 45 years of age in Boston was much greater among the colored (765.20) than among the white (463.14), and that it was excessively great among those whose mothers were born in Bohemia (2,173.91), in Hungary (1,694.92), in Italy (1,233.67), and

## ALTITUDE.

The following tables show some of the relations between altitude and death rates in Boston and Philadelphia.

Table 68 shows the average altitude of the different districts in Boston and their average annual death rates, exclusive of stillbirths, during the 6 years ending May 31, 1890, per 1,000 of mean population; also the average annual death rates per 100,000 of mean population due to certain specified causes.

TABLE 68.

WARDS AND SANITARY DISTRICTS.		Average altitude (in feet) June 1, 1890.	AVERAGE ANNUAL DEATH RATES, EXCLUDING STILLBIRTHS.									
			Per 1,000 of mean population.								Per 100,000 of mean population.	
			Aggregate.	White.						Due to—		
				Native.								
				Total.		Both parents native.		Foreign.				
				All ages.	Under 5 years.	All ages.	Under 5 years.	All ages.	Under 5 years.	All ages.	Under 5 years.	Malarial fever.
The city.....	70	23. 59	94. 42	24. 49	94. 09	20. 31	83. 08	21. 51	61. 18	1. 75	386. 51	214. 28
Ward 1—B.....	10	20. 01	79. 36	22. 64	81. 84	19. 64	81. 73	15. 96	23. 81	.....	343. 23	217. 04
Ward 2—A.....	10	26. 84	100. 31	28. 88	101. 21	24. 98	85. 78	23. 47	65. 48	6. 42	468. 67	250. 39
Ward 3—A.....	10	28. 65	96. 14	26. 30	95. 05	29. 47	87. 48	33. 22	166. 67	3. 62	499. 78	304. 22
Ward 4—B.....	10	18. 38	78. 69	18. 52	77. 85	18. 96	76. 15	17. 63	44. 44	2. 65	262. 20	180. 09
Ward 5—A.....	10	26. 36	92. 25	26. 49	91. 92	24. 46	90. 72	26. 19	107. 84	2. 08	426. 55	193. 51
Ward 11.....	10	15. 76	88. 24	17. 57	82. 75	15. 67	67. 21	11. 61	48. 39	4. 17	190. 84	75. 00
Ward 16.....	10	26. 61	129. 71	29. 53	131. 52	22. 31	169. 72	23. 59	70. 99	1. 95	447. 40	227. 59
Ward 17.....	10	21. 57	106. 62	20. 31	103. 74	16. 44	105. 73	22. 92	107. 14	1. 09	360. 18	162. 63
Ward 18.....	10	18. 39	100. 42	18. 68	96. 31	17. 89	83. 33	17. 25	181. 82	2. 21	239. 42	107. 02
Ward 13.....	11	32. 98	115. 09	35. 67	115. 71	44. 28	132. 72	29. 71	101. 85	2. 26	587. 56	369. 58
Ward 22—A.....	11	13. 61	49. 28	13. 48	48. 48	9. 37	25. 86	13. 46	83. 33	.....	230. 02	76. 67
Ward 1—A.....	12	20. 24	76. 12	22. 38	77. 84	20. 89	76. 96	15. 59	36. 23	2. 92	288. 89	161. 95
Ward 12.....	13	32. 06	145. 13	32. 65	145. 34	26. 65	153. 17	31. 27	119. 05	1. 26	537. 27	230. 08
Ward 8.....	14	34. 56	132. 77	37. 29	129. 94	30. 66	129. 44	29. 54	85. 03	.....	671. 56	263. 73
Ward 6.....	15	31. 73	122. 74	39. 06	124. 14	42. 85	125. 67	24. 70	89. 35	0. 93	476. 72	265. 26
Ward 7.....	15	28. 53	107. 73	31. 28	110. 55	20. 77	163. 79	22. 64	56. 74	1. 29	506. 57	205. 71
Ward 15.....	15	24. 44	90. 59	26. 05	90. 90	25. 06	85. 75	21. 31	48. 48	.....	406. 86	245. 49
Ward 19.....	15	27. 78	114. 23	28. 58	112. 55	22. 23	101. 41	25. 37	72. 92	2. 27	426. 17	272. 02
Ward 2—B.....	16	19. 99	94. 82	23. 46	95. 21	23. 37	97. 70	15. 92	87. 30	.....	239. 55	213. 14
Ward 20—A.....	17	26. 73	109. 65	28. 66	110. 93	25. 66	107. 32	23. 23	54. 26	.....	373. 43	271. 39
Ward 22—C.....	18	21. 86	80. 56	23. 69	80. 86	20. 39	69. 96	19. 38	68. 38	.....	316. 65	252. 93
Ward 10—A.....	24	24. 07	163. 24	27. 88	171. 53	22. 73	173. 76	20. 06	47. 62	3. 66	365. 82	131. 69
Ward 9—A.....	25	30. 90	153. 87	28. 76	130. 95	21. 81	119. 90	23. 93	83. 33	.....	556. 48	237. 88
Ward 5—B.....	27	17. 99	51. 89	17. 86	54. 07	18. 29	50. 85	17. 94	.....	4. 22	240. 69	105. 57
Ward 9—B.....	31	15. 84	38. 03	19. 31	38. 61	20. 18	34. 25	93. 76	.....	.....	93. 79	59. 05
Ward 14.....	32	22. 31	80. 96	21. 82	81. 40	19. 60	79. 58	33. 33	66. 67	2. 06	372. 87	189. 53
Ward 3—B.....	40	22. 09	70. 04	22. 01	72. 51	21. 09	67. 52	22. 75	29. 76	2. 08	425. 16	193. 82
Ward 4—A.....	42	29. 58	107. 03	29. 64	110. 33	26. 69	97. 58	29. 05	15. 87	.....	495. 79	190. 05
Ward 24.....	55	18. 19	64. 56	18. 80	65. 36	16. 33	47. 26	16. 47	29. 57	3. 33	256. 37	174. 46
Ward 25.....	58	20. 96	86. 41	22. 78	86. 04	20. 55	74. 50	15. 70	20. 83	1. 65	264. 26	204. 80
Ward 20—B.....	60	15. 79	53. 45	16. 01	52. 39	12. 57	28. 81	15. 04	92. 59	2. 51	285. 76	80. 21
Ward 10—B.....	65	12. 67	84. 85	14. 18	83. 33	13. 38	53. 76	7. 20	.....	3. 68	125. 26	47. 89
Ward 22—B.....	71	19. 83	75. 32	21. 04	75. 96	19. 42	67. 68	17. 98	55. 56	.....	310. 08	218. 46
Ward 21.....	88	17. 12	59. 74	18. 08	59. 58	17. 49	47. 72	14. 22	39. 68	.....	217. 56	126. 22
Ward 23.....	121	18. 83	58. 35	19. 61	59. 30	19. 16	50. 33	17. 08	22. 73	0. 79	256. 89	153. 81

## RECAPITULATION BY GROUPS OF ALTITUDES IN BOSTON.

Under 15 feet in altitude.....	24.86	106.54	25.73	106.12	20.84	101.82	23.31	76.19	2.26	409.05	206.94
15 to 25 feet in altitude.....	26.58	106.02	29.38	106.72	24.62	103.71	22.46	68.78	0.93	407.01	246.26
25 to 35 feet in altitude.....	22.78	88.31	22.00	82.69	19.81	78.57	21.23	57.97	1.63	362.59	175.38
35 to 65 feet in altitude.....	20.20	72.54	20.78	73.21	18.24	57.14	18.32	29.61	2.39	311.43	173.18
65 feet and over in altitude.....	17.79	61.96	18.67	62.43	17.56	51.04	15.63	31.09	0.63	237.77	142.92

Table 69 shows the average altitude of the different wards in Philadelphia and their average annual death

## VITAL STATISTICS.

TABLE 69.

WARDS.	Average altitude (in feet) June 1, 1890.	AVERAGE ANNUAL DEATH RATES, EXCLUDING STILLBIRTHS.										
		Per 1,000 of mean population.								Per 100,000 of mean population.		
		Aggregate.	White.				Colored.		Due to—			
			Native.		Foreign.				Malarial fever.	Con- sumption.	Diarrheal diseases.	
			All ages.	Under 5 years.	All ages.	Under 5 years.	All ages.	Under 5 years.				All ages.
The city.....	129	21.86	82.83	24.05	82.12	14.70	14.60	29.52	149.22	7.21	297.87	156.11
Ward 1.....	23	22.25	83.94	23.94	84.35	14.91	17.44	33.07	123.11	9.20	275.54	153.48
Ward 16.....	24	28.16	107.40	32.90	108.46	18.29	35.71	46.38	115.38	12.53	311.21	297.72
Ward 18.....	24	24.47	103.77	26.21	104.88	17.49	30.61	90.91	.....	9.13	304.57	180.80
Ward 26.....	24	19.44	70.40	21.20	71.54	14.47	11.11	18.15	64.97	6.36	238.37	158.81
Ward 5.....	29	28.85	107.86	33.31	97.72	14.09	12.03	48.46	272.06	5.95	498.02	176.59
Ward 11.....	29	29.11	100.26	36.82	101.23	15.57	7.81	500.00	2,416.67	7.72	330.86	224.01
Ward 17.....	29	29.14	116.21	33.84	116.67	19.52	9.26	64.95	378.79	16.82	355.83	227.96
Ward 31.....	29	21.49	84.00	23.76	84.60	15.39	22.22	57.47	833.33	6.67	284.92	123.72
Ward 2.....	31	23.94	79.61	29.17	83.26	13.92	7.41	24.21	89.95	4.90	316.35	176.41
Ward 12.....	34	22.14	83.20	26.03	82.93	13.55	16.13	44.85	152.38	8.14	314.16	154.75
Ward 3.....	35	23.81	83.87	31.33	88.17	13.18	14.93	21.71	86.27	5.15	313.33	185.42
Ward 6.....	35	24.70	95.47	30.34	99.00	14.91	15.72	49.77	400.00	9.18	418.46	159.67
Ward 4.....	39	31.68	109.53	46.48	108.33	12.93	6.44	43.38	215.34	12.56	441.11	250.27
Ward 7.....	39	26.16	116.45	27.85	98.15	17.06	13.89	30.54	164.20	4.93	408.91	181.47
Ward 8.....	44	25.15	111.89	28.86	97.96	14.57	37.04	29.25	164.31	7.53	332.28	121.43
Ward 9.....	44	25.25	103.88	28.75	102.71	17.02	30.30	22.32	147.62	11.08	364.04	150.36
Ward 10.....	44	19.63	90.05	21.82	88.85	13.96	.....	14.51	166.67	9.07	278.12	121.68
Ward 13.....	44	20.92	112.77	24.25	112.24	11.07	13.89	28.76	177.54	3.68	260.98	136.92
Ward 30.....	44	22.10	82.34	23.21	81.81	19.54	15.87	21.74	109.31	8.29	349.35	146.48
Ward 14.....	49	21.53	99.18	23.66	96.78	14.44	16.67	22.38	143.07	4.71	320.62	146.95
Ward 19.....	54	23.88	94.12	26.62	94.13	16.75	30.30	51.33	325.40	7.41	310.44	180.01
Ward 27.....	54	32.44	141.47	36.01	141.40	19.36	12.50	39.86	179.95	7.30	504.81	217.31
Ward 25.....	59	24.36	89.10	27.41	90.42	15.67	26.32	33.33	118.28	10.14	271.55	200.00
Ward 20.....	69	20.70	79.51	21.99	80.10	16.41	18.52	18.64	76.92	5.67	303.14	134.56
Ward 15.....	74	20.09	79.49	22.33	79.67	13.85	26.96	20.18	109.93	9.76	288.71	118.15
Ward 33.....	84	13.11	46.27	16.19	47.12	6.93	5.75	18.03	71.43	3.05	143.47	101.34
Ward 23.....	94	18.51	63.28	19.83	63.17	13.10	26.52	18.67	87.50	9.25	219.39	157.22
Ward 29.....	94	20.16	73.92	20.99	73.37	17.16	24.51	19.09	111.11	8.64	293.26	136.99
Ward 32.....	109	14.60	58.33	15.10	57.63	11.42	23.81	13.66	250.00	3.52	192.32	83.31
Ward 28.....	119	15.57	52.94	17.19	53.10	10.46	15.63	15.96	90.58	3.19	185.73	124.58
Ward 24.....	159	18.48	65.34	19.10	63.84	13.23	2.45	35.11	157.21	5.89	269.24	123.96
Ward 21.....	309	19.59	65.32	22.05	65.82	12.50	7.94	56.78	2,333.33	4.76	242.86	178.23
Ward 22.....	309	17.69	61.17	19.39	61.54	12.89	6.17	15.91	71.43	3.68	241.27	123.50

## RECAPITULATION BY GROUPS OF ALTITUDES IN PHILADELPHIA.

Under 30 feet in altitude.....	23.68	89.60	26.10	89.74	15.94	16.01	40.92	182.46	8.79	300.01	176.76
30 to 40 feet in altitude.....	25.56	94.20	31.16	92.09	14.15	10.14	32.71	165.14	6.87	365.95	187.95
40 to 50 feet in altitude.....	22.09	95.90	21.37	93.30	15.50	17.95	24.25	146.32	7.24	316.54	137.19
50 to 70 feet in altitude.....	24.71	97.30	27.14	97.51	16.91	24.41	32.85	141.07	7.41	338.14	178.04
70 to 100 feet in altitude.....	18.61	66.64	20.42	66.68	12.96	18.60	19.42	101.76	8.17	251.55	129.03
100 feet and over in altitude.....	17.38	60.98	18.59	60.59	12.27	8.46	24.64	118.11	4.42	233.24	125.59

It will be seen from these tables that in general the death rate diminishes as the altitude increases, but that there are numerous exceptions to this rule. For the districts in Boston under 15 feet in altitude the death rate was 24.86, for those from 15 to 25 feet it was 26.58, for those from 25 to 35 feet it was 22.78, for those from 35 to 65 feet it was 20.20, and for those 65 feet and over it was 17.79.

If we take the death rates of children under 5 years of age the decrease in mortality as the altitude increases is continuous, it being for those localities under 15 feet in altitude, 106.54; for those from 15 to 25 feet, 106.02; for those from 25 to 35 feet, 88.31; for those from 35 to 65 feet, 72.54. and for those 65 feet and upward, 61.96.

The relations of altitude to the proportion of deaths caused by malarial fever, consumption, and diarrheal diseases are indicated by the tables. In Boston such relations are seen in the death rates from consumption, which were: for districts under 15 feet in altitude, 409.05; for those from 15 to 25 feet, 407.01; for those from 25 to 35 feet, 362.59; for those from 35 to 65 feet, 311.43, and for those 65 feet and upward, 237.77, showing a diminution in the mortality from this disease with increasing altitude.

In Philadelphia the gradation is less regular, the death rates from consumption having been: for the wards under 30 feet in altitude, 300.91; for those from 30 to 40 feet, 365.95; for those from 40 to 50 feet, 316.54; for those from 50 to 70 feet, 338.14; for those from 70 to 100 feet, 251.55, and for those 100 feet and upward, 233.24.

Table 70 shows for Boston and Philadelphia the area and proportion of area and the number and proportion of the population at different altitudes, and the corresponding death rates for the census year, with distinction of nativity and parental nativity.

TABLE 70.

CHARACTERISTICS OF ALTITUDES.	Boston.	Philadelphia.	CHARACTERISTICS OF ALTITUDES.	Boston.	Philadelphia.
Average altitude (in feet).....	70	129	Altitude 30 to 45 feet—Continued.		
Total area (in acres).....	24,231	82,807	Death rates per 1,000 of population:		
Population, aggregate.....	448,477	1,046,964	Aggregate.....	24.58	24.92
Native, white.....	283,209	738,341	Native, white.....	24.42	26.25
Both parents native.....	135,740	.....	Both parents native.....	19.82	.....
Foreign, white.....	156,678	268,249	Foreign, white.....	24.35	19.10
Death rates per 1,000 of population:					
Aggregate.....	24.79	22.67	Altitude 45 to 60 feet:		
Native, white.....	25.94	23.04	Area (in acres).....	7,594	10,715
Both parents native.....	18.75	.....	Per cent in this group.....	31.34	12.94
Foreign, white.....	22.24	20.19	Population, aggregate.....	41,670	145,132
Altitude under 15 feet:			Per cent in this group.....	9.29	13.86
Area (in acres).....	4,258	.....	Native, white.....	29,595	103,193
Per cent in this group.....	17.57	.....	Per cent in this group.....	10.45	13.98
Population, aggregate.....	168,741	.....	Both parents native.....	17,611	.....
Per cent in this group.....	37.63	.....	Per cent in this group.....	12.97	.....
Native, white.....	104,361	.....	Foreign, white.....	11,835	37,784
Per cent in this group.....	36.85	.....	Per cent in this group.....	7.55	14.09
Both parents native.....	50,949	.....	Death rates per 1,000 of population:		
Per cent in this group.....	37.53	.....	Aggregate.....	19.01	27.63
Foreign, white.....	60,525	.....	Native, white.....	19.06	27.70
Per cent in this group.....	38.63	.....	Both parents native.....	14.71	.....
Death rates per 1,000 of population:			Foreign, white.....	17.83	23.98
Aggregate.....	26.11	.....			
Native, white.....	27.25	.....	Altitude 60 to 93 feet:		
Both parents native.....	19.12	.....	Area (in acres).....	1,618	3,984
Foreign, white.....	23.53	.....	Per cent in this group.....	6.68	4.81
Altitude 15 to 30 feet:			Population, aggregate.....	42,500	130,356
Area (in acres).....	1,830	9,867	Per cent in this group.....	9.48	12.45
Per cent in this group.....	7.55	11.92	Native, white.....	30,155	93,018
Population, aggregate.....	124,792	244,731	Per cent in this group.....	10.65	12.60
Per cent in this group.....	27.83	23.38	Both parents native.....	18,356	.....
Native, white.....	71,062	174,898	Per cent in this group.....	13.52	.....
Per cent in this group.....	25.09	23.09	Foreign, white.....	12,085	34,038
Both parents native.....	24,713	.....	Per cent in this group.....	7.71	12.09
Per cent in this group.....	18.21	.....	Death rates per 1,000 of population:		
Foreign, white.....	50,160	64,902	Aggregate.....	19.51	20.24
Per cent in this group.....	32.01	24.19	Native, white.....	20.53	20.99
Death rates per 1,000 of population:			Both parents native.....	15.96	.....
Aggregate.....	23.18	24.03	Foreign, white.....	16.55	17.27
Native, white.....	30.87	24.15			
Both parents native.....	23.63	.....	Altitude 90 feet and over:		
Foreign, white.....	22.97	21.93	Area (in acres).....	8,079	55,820
Altitude 30 to 45 feet:			Per cent in this group.....	33.34	67.41
Area (in acres).....	852	2,421	Population, aggregate.....	24,997	304,899
Per cent in this group.....	3.52	2.92	Per cent in this group.....	5.57	29.13
Population, aggregate.....	45,777	221,746	Native, white.....	16,592	233,816
Per cent in this group.....	10.21	21.18	Per cent in this group.....	5.86	31.67
Native, white.....	31,444	133,416	Both parents native.....	8,016	.....
Per cent in this group.....	11.10	18.07	Per cent in this group.....	5.91	.....
Both parents native.....	16,095	.....	Foreign, white.....	8,192	63,629
Per cent in this group.....	11.86	.....	Per cent in this group.....	5.23	23.72
Foreign, white.....	13,881	67,696	Death rates		
Per cent in this group.....	8.86	25.31	Aggregate		
			Native,		
			Fr		



Table 72 shows the area and population of the different wards in Philadelphia on June 1, 1890, and the average annual death rates during the 6 years ending May 31, 1890, per 1,000 of mean population, with distinction of color and nativity, according to density of population.

TABLE 72.

WARDS AND GROUPS OF WARDS.	JUNE 1, 1890.			AVERAGE ANNUAL DEATH RATES FOR 6 YEARS, EXCLUDING STILLBIRTHS.						
	Area (in acres), excluding parks and cemeteries.	Population.	Persons to the acre, excluding parks and cemeteries.	Aggregate.	White.				Colored.	
					Native.		Foreign.		All ages.	Under 5 years.
					All ages.	Under 5 years.	All ages.	Under 5 years.		
Total .....	78,577	1,046,964	13.32	21.86	24.05	82.12	14.70	14.60	29.52	149.22
Ward 3 .....	121	19,925	164.67	23.81	31.33	88.17	13.18	14.93	21.71	86.27
Ward 4 .....	144	20,384	141.56	31.68	46.48	108.33	12.93	6.44	43.38	215.34
Ward 14 .....	152	20,737	136.43	21.53	23.66	96.78	14.44	16.67	22.38	143.07
Ward 19 .....	430	55,545	126.53	23.88	26.62	94.13	16.75	30.30	51.33	325.40
Ward 17 .....	159	19,546	122.93	29.14	33.84	116.67	19.52	9.26	64.95	378.79
Ward 32 .....	253	30,551	118.77	14.60	15.10	57.63	11.42	23.81	13.66	250.00
Ward 2 .....	273	31,563	115.62	23.94	29.17	83.26	13.92	7.41	24.21	89.95
Ward 12 .....	124	14,170	114.27	22.14	26.03	82.93	13.55	16.13	44.85	152.38
Ward 7 .....	274	30,179	110.14	20.16	27.85	98.15	17.06	13.89	30.54	164.20
Ward 13 .....	163	17,923	109.96	20.92	24.25	112.24	11.07	13.99	28.76	177.54
Ward 15 .....	528	52,705	99.82	20.09	22.33	79.67	13.85	20.96	20.18	109.93
Ward 10 .....	218	21,514	98.60	19.63	21.82	88.85	13.96		14.51	165.67
Ward 11 .....	135	12,953	95.95	29.11	36.82	101.23	15.57	7.81	500.00	2,416.67
Ward 16 .....	180	17,087	94.93	28.16	32.90	108.46	18.29	35.71	46.38	115.38
Ward 20 .....	469	44,480	94.84	20.70	21.90	80.10	16.41	18.52	18.64	76.92
Ward 30 .....	332	30,614	92.21	22.10	23.21	81.81	19.54	15.87	21.74	109.31
Ward 5 .....	191	16,987	88.94	28.85	33.31	97.72	14.09	12.03	48.46	272.06
Ward 29 .....	628	54,759	87.20	20.16	20.99	73.37	17.16	24.51	19.09	111.11
Ward 31 .....	456	32,974	72.31	21.49	23.76	84.60	15.39	22.22	57.47	833.33
Ward 18 .....	406	29,164	71.83	24.47	26.21	104.88	17.49	30.61	90.91	
Ward 8 .....	277	16,971	61.27	25.15	28.86	97.96	14.57	37.04	29.25	164.31
Ward 6 .....	195	8,712	44.68	24.70	30.34	99.00	14.91	15.72	49.77	400.00
Ward 9 .....	256	9,791	38.25	25.25	28.75	102.71	17.02	30.30	22.32	147.62
Ward 1 .....	3,513	53,882	15.34	22.25	23.94	84.35	14.91	17.44	33.07	123.11
Ward 28 .....	3,174	46,390	14.62	15.57	17.19	53.10	10.46	15.63	15.96	90.58
Ward 25 .....	2,405	35,945	14.41	24.36	27.41	90.42	15.67	26.32	33.33	118.28
Ward 24 .....	4,711	66,277	14.07	18.48	19.10	63.84	13.23	2.45	35.11	157.21
Ward 26 .....	4,715	62,138	13.18	19.44	21.20	71.54	14.47	11.11	18.15	64.97
Ward 33 .....	2,713	33,171	12.23	13.11	16.19	47.12	6.93	5.75	18.63	71.43
Ward 21 .....	4,174	26,900	6.44	19.59	22.05	65.82	12.50	7.94	56.78	2,333.33
Ward 27 .....	7,302	32,905	4.51	32.44	36.01	141.40	19.36	12.50	39.86	179.95
Ward 22 .....	12,326	45,329	3.68	17.69	19.39	61.54	12.89	6.17	15.91	71.43
Ward 23 .....	27,081	35,294	1.30	18.51	19.83	63.17	13.10	26.52	18.67	87.50

## RECAPITULATION BY GROUPS OF DENSITY OF POPULATION OF PHILADELPHIA.

Under 50 persons to the acre .....	72,655	456,734	6.29	20.22	22.16	73.14	13.44	13.61	27.61	118.88
50 to 100 persons to the acre .....	3,820	330,208	86.44	22.40	24.36	86.96	16.04	19.85	28.26	152.03
100 persons and over to the acre .....	2,102	260,022	123.70	23.81	27.08	93.13	14.85	12.19	31.73	167.70

These tables do not indicate any very definite relation between the density of population and the magnitude of the death rates in different wards and districts of these cities. In Boston the highest death rate for the 6-year period, 22.09, was in the districts having less than 50 persons to the acre; and the lowest, 13.23, in those having from 50 to 100 persons to the acre, while it was 16.74 in those districts having 100 persons and upward to the acre.

In Philadelphia the lowest death rate, 20.22, occurred, as is usually the case, in the least densely populated districts, namely, those having under 50 persons to the acre, while in those having from 50 to 100 persons to the acre the death rate was 22.40, and in those having 100 persons and over to the acre it was 23.81.

## BOSTON.

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Boston is situated on Boston harbor, in latitude  $42^{\circ} 21'$  north, longitude  $71^{\circ} 4'$  west from Greenwich.

The elevations range from sea level to 335 feet above. A large part of the present city was originally marsh land, at about the level of high tide, which had been filled with clean gravel or with ashes and other refuse of a large city to a height of 6 or 8 feet. The extensions of the shore line of the old city were made by cutting down some of the higher natural elevations.

The total area within the city limits, which extended to the harbor lines, was 27,596 acres. This included 3,365 acres of water surface, which will be excluded in stating the areas of each ward and sanitary district. Exclusive of water surface there were 24,231 acres, and the population on June 1, 1890, was 448,477, giving an average of 18.51 persons to each acre of land area.

The actual building area, however, was much less, there being 1,130 acres embraced in parks, 613 acres in cemeteries, and 87 acres in the navy yard. Excluding these areas, the remainder is found to be 22,401 acres, and the population density rises to 20.02 persons to the acre. The area covered by streets and alleys was not computed.

There are great differences in the density of population in different parts of the city, and the corresponding figures for these will be shown in certain of the tables presented as well as in the description of the sanitary districts into which the city was divided.

At the close of the census year, June 1, 1890, the number of dwellings in the city was 52,669, containing 89,716 families, with an average of 5.00 persons to each family and 8.52 persons to each dwelling.

To obtain some data with regard to the relations between local sanitary conditions and death rates, the city was subdivided within ward lines into sanitary districts, the boundaries of which are indicated upon the maps by dotted lines, while the ward boundaries are indicated by heavier lines of solid color.

The characteristics of the several sanitary districts are shown in the description given below, which were prepared by Dr. Samuel H. Durgin, of the board of health. These notes relate to the period for which the deaths were returned and not to the present time. The statements are purely historical, and are intended to furnish the means of estimating the relations of altitude, character of people, and nature of surroundings to the death rates during the 6 years ending May 31, 1890.

In the small tables given for each sanitary district the statement showing the death rates per 1,000 of white population is exclusive of stillbirths, while the rates given according to birthplaces of mothers include stillbirths.

Rates given for mothers born in "Other foreign countries" refer to all foreign countries not specified in Table 97.

The statements concerning highest and lowest rates according to birthplaces of mothers refer only to those birthplaces given in the comparative tables in which the numbers of population and of deaths are of sufficient size to warrant comparison.

### WARD 1.

This ward, including Breeds island, contained 1,256 acres, 2,651 dwellings, and a total population of 19,633. There were 86 acres of parking and 10 acres of cemeteries, excluding which, there was an average density of 16.93 persons and 2.29 dwellings to the acre, with 7.41 persons to each dwelling. The ward was divided into 2 districts.

SANITARY DISTRICT A.—Bounded by Chelsea creek, Boston harbor, Porter, Bremen, Putnam, Lamson, Swift, and Bennington streets, Central square, Border street, and boundary line between First and Second wards from

## VITAL STATISTICS.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District A.....	22.38	77.84	20.89	76.96	24.42	78.37	15.59	36.23

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Scotland.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	30.36	13.62	30.68	14.95	42.38	10.73
District A.....	34.46	16.23	32.51	18.17	20.83	11.60	35.09	17.30	34.11	11.66

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Whooping cough.
The city.....	124.50	214.28	39.02	386.51	25.42	19.49
District A.....	124.02	161.95	26.26	288.89	39.39	26.26

During the 6-year period the death rate in this district was somewhat below the city average, and decidedly so for the children under 5 years of age and for the foreign born. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 18.17 as against 17.30 for those whose mothers were born in Scotland and 16.23 for those whose mothers were born in the United States.

Scarlet fever and whooping cough caused more than the average proportion of deaths. The death rates from cancer and tumor and from old age were also somewhat above the average.

**SANITARY DISTRICT B.**—Bounded by Bennington, Swift, Lamson, Putnam, Bremen, and Porter streets. Area, 135 acres; population, 7,192, giving an average of 53.27 persons to each acre of area.

There was much low land in this district; some was marshy, and a considerable portion had been filled and built up with frame dwellings and stores occupied principally by poor people. The drainage was poor. The eastern part of the district contained some dwellings of a better class.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
						98.93	21.51	61.18

## SANITARY DISTRICT B—Continued.

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Scotland.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	30.03	24.12	30.36	13.62	30.68	14.95	42.38	10.73
District B.....	41.80	7.62	34.43	19.38	18.24	8.77	4.90	15.77	27.20	6.25

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Pneumonia.
The city.....	124.50	214.28	39.02	386.51	25.42	221.40
District B.....	116.09	217.04	22.71	343.23	25.24	214.52

During the 6-year period the death rate in this district was decidedly below the city average, and especially so for the foreign born. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 19.38 as against 7.62 for those whose mothers were born in the United States and 6.25 for those whose mothers were born in Canada. Diarrheal diseases caused more than the average proportion of deaths.

## WARD 2.

This ward contained 263 acres, 1,816 dwellings, and a total population of 17,297. There were 2 acres of parking, exclusive of which there was an average density of 66.27 persons and 6.96 dwellings to the acre, with 9.52 persons to each dwelling. This ward was divided into 2 districts.

**SANITARY DISTRICT A.**—Bounded by the boundary line between First and Second wards, beginning at Mystic river, Border street, Central square, Porter, Bremen, Maverick, and Orleans streets, and Charles and Mystic rivers. Area, 129 acres; population, 8,103, giving an average of 62.81 persons to each acre of area.

This was mostly low land, largely filled with poor material. It contained many stores, wharves, and manufacturing establishments, with dwellings of medium grade.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.		Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District A.....	28.88	101.21	24.98	85.78	30.93	107.33	23.47	65.48

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	30.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
District A.....	42.48	17.67	34.40	27.59	28.21	13.75	25.55	11.22	50.60	13.39

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria.	Diarrheal.	Typhoid.	Consumption.	Scarlet fever.	Whooping.

## VITAL STATISTICS.

During the 6-year period the death rate in this district was above the city average, and especially so for the children under 5 years of age. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 27.59 as against 17.67 for those whose mothers were born in the United States, 13.75 for those whose mothers were born in Germany, and 13.39 for those whose mothers were born in Canada.

Consumption, pneumonia, diarrheal diseases, whooping cough, and diseases of the nervous system caused more than the average proportion of deaths.

**SANITARY DISTRICT B.**—Bounded by Porter street, Boston harbor, Charles river, and Orleans, Maverick, and Bremen streets. Area, 134 acres; park area, 2 acres; population, 9,194, giving an average of 69.65 persons to each acre of area, exclusive of park area.

In the center of this district was a hill reaching an elevation of 40 to 50 feet above tidewater, on which was a residence section, the dwellings being brick and frame, in fair condition, and occupied by people of the middle class. Outside of this area the district was mostly made land, the filling of poor quality. Here were cheap frame dwellings, stores, wharves, and warehouses. The sewers were tidelocked or discharged on the flats.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District B .....	23.46	95.21	23.37	97.70	23.49	94.52	15.92	87.30

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Canada.		Scandinavia.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	30.36	13.62	42.38	10.73	38.53	8.68
District B .....	43.19	12.09	29.30	14.45	34.84	13.45	35.42	7.53	36.28	10.75

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Scarlet fever.
The city .....	124.50	214.28	39.02	386.51	221.40	25.42
District B .....	79.22	213.13	24.52	239.55	228.23	28.29

During the 6-year period the death rate in this district was decidedly below the city average, and especially so for the foreign born, and was above the average for the children under 5 years of age. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 14.45 as against 12.09 for those whose mothers were born in the United States and 7.53 for those whose mothers were born in Canada.

Scarlet fever, pneumonia, measles, whooping cough, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 3.

This ward contained 296 acres, 1,646 dwellings, and a total population of 13,094. There were 87 acres of the navy yard, 5 acres of parking, and 6 acres of cemeteries, excluding which there was an average density of 66.13

The death rates in this district, compared with the average rates for the city, were as follows :

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District A.....	26.30	95.05	29.47	87.48	25.04	99.11	33.22	166.67

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Canada.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	42.38	10.73	30.36	13.62	30.68	14.95
District A.....	44.79	16.60	32.99	26.21	40.74	16.41	25.64	20.20	6.67	19.23

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Scarlet fever.
The city.....	124.50	214.28	39.02	386.51	221.40	25.42
District A.....	123.13	304.22	28.97	499.78	300.59	54.32

During the 6-year period the death rate in this district was decidedly above the city average, and especially so for the foreign born. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 26.21 as against 16.60 for those whose mothers were born in the United States.

Scarlet fever, malarial fever, diarrheal diseases, consumption, pneumonia, and whooping cough caused more than the average proportion of deaths.

**SANITARY DISTRICT B.**—Bounded by Mystic river, Lexington, Bunker Hill, Vine, Chelsea, Adams, and Mount Vernon streets, Mount Vernon avenue, and Chestnut, Lexington, High, Pearl, Medford, and Mystic streets. Area, 169 acres; park area, 5 acres; cemetery area, 6 acres; population, 8,311, giving an average of 52.60 persons to each acre, exclusive of parks and cemeteries.

This was generally high ground. Extremes in dwellings and occupants existed. It had a dense population, the buildings being crowded in narrow streets. The sewers were old but fairly good.

The death rates in this district, compared with the average rates for the city, were as follows :

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District B.....	22.01	72.51	21.09	67.52	23.18	76.65	22.75	29.76

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Canada.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.

## SANITARY DISTRICT B—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Cancer and tumor.
The city .....	124.50	214.28	39.02	386.51	25.42	73.55
District B .....	66.09	193.82	14.59	425.16	41.68	87.53

During the 6-year period the death rate in this district was below the city average, and especially so for the children under 5 years of age. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 22.95 as against 21.21 for those whose mothers were born in Scotland and 16.32 for those whose mothers were born in the United States.

Scarlet fever, consumption, cancer and tumor, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 4.

This ward contained 291 acres, 1,830 dwellings, and a total population of 12,842. There were 6 acres of cemeteries, excluding which there was an average density of 45.06 persons and 6.42 dwellings to the acre, with 7.02 persons to each dwelling. The ward was divided into 2 districts.

SANITARY DISTRICT A.—Bounded by Mystic river, and Mystic, Mødford, Pearl, High, Walker, Main, and Beach streets. Area, 96 acres; cemetery area, 6 acres; population, 6,295, giving an average of 69.94 persons to each acre of area, exclusive of cemeteries.

It was principally high ground, containing old frame and brick dwellings and stores in fair condition. The residents were of those in poor and moderate circumstances, and the sewers were old but fairly good.

The death rates in this district, compared with the average rates for the city, were as follows:

DEATH RATES PER 1,000 WHITE POPULATION.									
AREAS.	Native.						Foreign.		
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.	
			Total.	Under 5 years.	Total.	Under 5 years.			
The city.....	24.49	91.09	20.31	83.08	24.31	98.93	21.51	61.18	
District A.....	29.64	110.33	26.69	97.58	34.23	121.55	29.05	15.87	

DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—										
AREAS.	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	19.73
District A.....	46.22	20.87	40.66	27.45	41.67	14.37	37.04	11.81	53.33	19.90

DEATH RATES PER 100,000 POPULATION DUE TO—						
AREAS.	Diphtheria	Diarrheal aces.	Typhoid fever.	Consump tion.	Pneumonia.	Cancer and tumor.
			14.28	39.02	386.51	221.40
		90.05	63.35	495.79	297.47	104.67

this district was decidedly above the city average, but was below the city average. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 22.95 as against 20.87 for those whose mothers were born in the United States, and 14.37 for those whose mothers were born in Canada, and 14.37 for those whose mothers were born in

Scarlet fever, typhoid fever, consumption, pneumonia, measles, whooping cough, cancer and tumor, heart disease and dropsy, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths. The proportion of stillbirths was also higher, being 44.07 per 100,000, while the average for the whole city was 28.84.

**SANITARY DISTRICT B.**—Bounded by Mystic river, Beach, Main, and Lincoln streets, and the city boundary line. Area, 195 acres; population, 6,547, giving an average of 33.57 persons to each acre of area.

This was low, principally made, land, the filling material poor, and with poor sewers. The dwellings were generally cheap frame, with small stores. The residents were poor.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District B .....	18.52	77.85	18.96	76.15	18.06	78.95	17.63	44.44

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Canada.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	30.36	13.62	42.38	10.73	30.08	14.95
District B .....	34.67	12.40	23.44	14.46	22.06	13.23	27.32	7.95	43.21	6.41

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Whooping cough.
The city .....	124.50	214.28	39.02	386.51	221.40	19.49
District B .....	97.99	180.09	52.97	262.20	209.23	21.19

During the 6-year period the death rate in this district was decidedly below the city average for both children and adults. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 14.46 as against 12.40 for those whose mothers were born in the United States and 7.95 for those whose mothers were born in Canada.

Typhoid fever and whooping cough caused more than the average proportion of deaths.

#### WARD 5.

This ward contained 196 acres, 1,505 dwellings, and a total population of 12,412. There were 2 acres of cemeteries, excluding which there was an average density of 63.98 persons and 7.76 dwellings to the acre, with 8.25 persons to each dwelling. The ward was divided into 2 districts.

**SANITARY DISTRICT A.**—Bounded by Main, Warren, Henley, and Chelsea streets, navy yard, Charles and Millers rivers, and Lincoln street. Area, 158 acres; cemetery area, 2 acres; population, 8,315, giving an average of 53.30 persons to each acre of area, exclusive of cemeteries.

This was mostly low land, with one considerable elevation, occupied largely for purposes of business, with some good dwellings and many poor ones. The sewers were old, poor and with little water.



## VITAL STATISTICS.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District A.....	26.49	91.92	24.46	90.72	28.09	92.48	26.19	107.84

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Canada.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	30.36	13.62	42.98	10.73	30.68	14.95
District A.....	39.70	17.68	38.87	24.02	35.71	9.22	41.60	9.89	35.71	25.09

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Scarlet fever.
The city.....	124.50	214.28	39.02	386.51	221.40	25.42
District A.....	106.12	193.51	56.18	426.55	251.77	43.70

During the 6-year period the death rate in this district was somewhat above the city average and very much above the average for the foreign born children under 5 years of age. For those 15 years of age and upward it was above the average for those whose mothers were born in the United States and Scotland, but was highest among those whose mothers were born in Scotland.

Scarlet fever, typhoid fever, consumption, pneumonia, whooping cough, cancer and tumor, childbirth and puerperal diseases, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths.

**SANITARY DISTRICT B.**—Bounded by High, Lexington, and Chestnut streets, Mount Vernon avenue, and Mount Vernon, Chelsea, Henley, Warren, Main, and Walker streets. Area, 38 acres; population, 4,097, giving an average of 107.82 persons to each acre of area.

This was generally high ground, containing dwellings and stores, with residents of the middle class. The sewers were fairly good.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		

## SANITARY DISTRICT B—Continued.

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		Canada.		England and Wales.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	42.38	10.73	30.36	13.62
District B .....	24.98	16.01	20.54	15.54	.....	11.90	29.07	11.69	19.23	18.94

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Cancer and tumor.
The city .....	124.50	214.28	39.02	386.51	1.75	73.55
District B .....	33.78	105.57	42.23	240.69	4.22	135.12

During the 6-year period the death rate in this district was decidedly below the city average, and especially so for the children under 5 years of age. For those 15 years of age and upward it was above the average for those whose mothers were born in the United States, in Canada, and in England and Wales, and below it for those whose mothers were born in Ireland and Germany. It was highest for those whose mothers were born in England and Wales, being 18.94 as against 16.01 for those whose mothers were born in the United States, 15.54 for those whose mothers were born in Ireland, and 11.90 for those whose mothers were born in Germany.

Typhoid fever, malarial fever, cancer and tumor, childbirth and puerperal diseases, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 6.

This ward contained 176 acres, 1,391 dwellings, and a total population of 18,447. There were 3 acres of cemeteries, excluding which there was an average density of 106.63 persons and 8.04 dwellings to the acre, with 13.26 persons to each dwelling. This ward formed 1 district.

This ward was in the oldest part of the city. The streets were narrow, with a good many narrow and unpaved alleys. The buildings were principally brick, high, and generally crowded. Many old houses had been converted into tenements, and were occupied by Irish, Italians, and Polish Jews. The sewers were old, small, and with but little pitch.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 6 .....	39.06	124.14	42.85	125.67	38.42	123.84	24.70	89.35

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—				
	United States.	Ireland.	Canada.	Italy.	Other foreign countries.

## VITAL STATISTICS.

## WARD 6—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Measles.
The city .....	124.50	214.28	39.02	386.51	221.40	11.61
Ward 6 .....	178.07	265.26	51.01	476.72	334.82	47.30

During the 6-year period the death rate in this ward was much above the city average, and especially so for the native. For those 15 years of age and upward it was 33.80 for those whose mothers were born in Ireland, 18.17 for those whose mothers were born in the United States, and 8.72 for those whose mothers were born in Italy.

Scarlet fever, typhoid fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, measles, whooping cough, heart disease and dropsy, childbirth and puerperal diseases, and diseases of the urinary organs caused more than the average proportion of deaths. The proportion of stillbirths was also higher, being 41.74 per 100,000 as against the average of 28.84.

## WARD 7.

This ward contained 105 acres, 953 dwellings, and a total population of 13,145, giving an average density of 125.19 persons and 9.08 dwellings to each acre of area, with 13.79 persons to each dwelling. This ward formed 1 district.

The general characteristics of this ward were similar to those of ward 6.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 7 .....	34.28	110.55	20.77	163.79	41.80	104.77	22.64	56.74

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Canada.		Italy.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	42.38	10.73	44.53	8.23	33.14	8.76
Ward 7 .....	77.01	13.18	53.10	35.77	64.99	13.29	42.83	7.21	26.94	4.75

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Childbirth and puerperal diseases.
The city .....	124.50	214.28	39.02	386.51	221.40	14.92
Ward 7 .....	155.57	205.71	43.71	506.57	293.14	25.71

During the 6-year period the death rate in this ward was above the city average, especially for the natives, being below the average for the foreign born children under 5 years of age. For those 15 years of age and upward it was 35.77 for those whose mothers were born in Ireland, 13.29 for those whose mothers were born in Canada, 13.18 for those whose mothers were born in the United States, and 7.21 for those whose mothers were born in Italy.

Scarlet fever, typhoid fever, diphtheria and croup, consumption, pneumonia, measles, heart disease and

## WARD 8.

This ward contained 76 acres, 1,217 dwellings, and a total population of 13,026. There were 4 acres of parking, excluding which there was an average density of 180.92 persons and 16.90 dwellings to each acre, with 10.70 persons to each dwelling. This ward formed 1 district.

This ward was part high and part low land, containing mostly brick buildings occupied as dwellings and stores. It was an old part of the city, with narrow streets and old but fairly good sewers.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 8 .....	37.29	129.94	30.66	129.44	41.61	130.11	29.54	85.03

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Canada.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	30.36	13.62	42.38	10.73	33.14	8.76
Ward 8 .....	63.96	20.20	62.88	34.71	49.30	19.38	84.86	22.91	19.01	3.98

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Pneumonia.
The city .....	124.50	214.28	39.02	386.51	25.42	221.40
Ward 8 .....	209.70	263.73	55.32	671.56	47.60	297.18

During the 6-year period the death rate in this ward was higher than in any other ward in the city, being 34.56 as against the average of 23.59. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 34.71 as against 22.91 for those whose mothers were born in Canada and 20.20 for those whose mothers were born in the United States. For the children under 15 years of age whose mothers were born in Canada the death rate was double that for the average for the same class throughout the city.

Scarlet fever, typhoid fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, whooping cough, cancer and tumor, heart disease and dropsy, childbirth and puerperal diseases, diseases of the liver, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 9.

This ward contained 107 acres, 1,453 dwellings, and a total population of 12,660. There were 6 acres of parking, excluding which there was an average density of 125.35 persons and 14.39 dwellings to the acre, with 8.71 persons to each dwelling. This ward was divided into 2 districts.

**SANITARY DISTRICT A.**—Bounded by Allen, Blossom, Cambridge, Joy, Myrtle, Grove, Revere, Charles, and Cambridge streets, and Charles river. Area, 53 acres; park area, 6 acres; population, 7,856, giving an average of 147.17 persons to each acre of area exclusive of the parks.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District A.....	28.76	130.95	21.81	119.90	36.31	137.38	23.93	83.33

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Canada.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	42.38	10.73	30.56	13.62	30.68	14.95
District A.....	41.91	1.79	39.43	28.92	69.50	15.17	56.55	10.56	31.75	17.06

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Heart disease and dropsy.
The city.....	124.50	214.28	39.02	386.51	221.40	150.36
District A.....	95.58	237.88	57.35	556.48	290.98	210.27

During the 6-year period the death rate in this district was much above the city average, and especially so for the children under 5 years of age. For those 15 years of age and upward it was above the average for those whose mothers were born in Ireland, Canada, and Scotland, and below it for those whose mothers were born in the United States and in England and Wales.

Scarlet fever, typhoid fever, diarrheal diseases, consumption, pneumonia, measles, whooping cough, cancer and tumor, heart disease and dropsy, childbirth and puerperal diseases, and diseases of the urinary organs caused more than the average proportion of deaths.

**SANITARY DISTRICT B.**—Bounded by Cambridge, Charles, Revere, Grove, Myrtle, Joy, Beacon, and Otter streets, and Charles river. Area, 54 acres; population, 4,804, giving an average of 88.96 persons to each acre of area. This was mostly a residence district, and west of Charles street was made land.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District B.....	19.31	38.61	20.18	34.25	16.67	41.67	93.76	.....

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Canada.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	42.38	10.73	30.56	13.62	30.68	14.95
District B.....	.....	.....	.....	.....	5.38	11.54	14.93	5.70	500.00	12.66

## SANITARY DISTRICT B—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Diseases of the urinary organs.
The city .....	124.50	214.28	39.02	386.51	73.55	81.84
District B .....	27.79	59.05	20.84	93.79	118.10	104.21

During the 6-year period the death rate in this district was much below the city average, and especially so for the children under 5 years of age, but was much above the average for the foreign born. For those 15 years of age and upward it was highest among those whose mothers were born in the United States, being 18.83 as against 8.80 for those whose mothers were born in Ireland and 5.70 for those whose mothers were born in Canada.

Cancer and tumor, heart disease and dropsy, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 10.

This ward contained 215 acres, 746 dwellings, and a total population of 8,205. There were 78 acres of Boston commons and the public gardens, together with 23 acres of cemeteries, in this ward, excluding which there was an average density of 71.97 persons and 6.54 dwellings to the acre, with 11 persons to each dwelling. The ward was divided into 2 districts.

**SANITARY DISTRICT A.**—Bounded by Beacon, Park, Tremont, Court, State, Devonshire, Summer, Lincoln, Beach, Hudson, Kneeland, Eliot, Tremont, Boylston, and Arlington streets. Area, 173 acres; 78 acres of Boston commons and public gardens, 21 acres of cemeteries; population, 4,117, giving an average of 55.64 persons to the acre, exclusive of the commons and cemeteries.

This was generally a business section. The ground was partly high and partly low. A small area in the southern end had a considerable tenement house population. The sewers in the business section were good and in the tenement section poor.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District A .....	27.88	171.53	22.73	173.76	37.35	170.37	20.06	47.62

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
District A .....	75.24	16.55	63.83	21.38	26.67	17.66	43.21	13.51	66.67	14.87

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Diseases of the urinary organs.

## VITAL STATISTICS.

During the 6-year period the death rate in this district was very slightly above the city average and was above it for the children under 5 years of age. For those 15 years of age and upward it was above the general city average for those whose mothers were born in the United States and Germany and in Canada and below it for those whose mothers were born in Ireland and in England and Wales.

Malarial fever, heart disease and dropsy, childbirth and puerperal diseases, diseases of the liver, and diseases of the urinary organs caused more than the average proportion of deaths.

**SANITARY DISTRICT B.**—Bounded by Cambridge street, Bowdoin square, Bulfinch, Howard, and Court streets, Tremont park, and Beacon and Joy streets. Area, 42 acres; cemetery area, 2 acres; population, 4,088, giving an average of 102.20 persons to each acre of area, exclusive of cemeteries.

This was a residence section with some business houses and hotels.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	23.31	83.06	28.31	98.93	21.51	61.18
District B .....	14.18	83.33	13.38	53.76	20.72	153.85	7.20	.....

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		England and Wales.		Canada.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.70	39.03	24.12	30.36	13.62	42.38	10.73	30.68	14.95
District B .....	27.52	15.16	66.67	9.59	15.15	5.38	64.10	6.13	.....	7.04

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Heart disease and dropsy.	Diseases of the liver.
The city.....	124.50	214.28	39.02	386.51	150.36	23.43
District B .....	11.05	47.89	29.47	125.26	162.10	29.47

During the 6-year period the death rate in this district was lower than in any other district in the city, being 12.67 as against 23.59, the average for the whole city. For those 15 years of age and upward it was above the city average for those whose mothers were born in the United States, being 15.16, for those whose mothers were born in Ireland it was 9.59, and for those whose mothers were born in Canada it was 6.13.

Malarial fever, heart disease and dropsy, and diseases of the liver caused more than the average proportion of deaths.

## WARD 11.

This ward contained 424 acres, 2,457 dwellings, and a total population of 21,660, giving an average density of 51.08 persons and 5.79 dwellings to each acre, with 8.82 persons to each dwelling. This ward formed 1 district.

This ward, originally all marshy land, was filled with clean gravel and had wide streets with many open spaces occupied mainly by wealthy people in fine dwellings of brick and stone. The sewers were good.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 11.....	17.57	82.75	15.67	67.21	22.99	94.20	11.61	48.39

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.88	10.73
Ward 11.....	24.97	13.41	45.03	13.38	26.67	12.84	23.81	11.22	42.59	5.46

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Childbirth and puerperal diseases.
The city.....	124.50	214.28	39.02	386.51	1.75	14.92
Ward 11.....	58.34	75.00	27.50	190.84	4.17	7.50

During the 6-year period the death rate in this ward was much below the city average, and especially so for the foreign born. For those 15 years of age and upward it was highest among those whose mothers were born in the United States, being 13.41 as against 13.38 for those whose mothers were born in Ireland, 12.84 for those whose mothers were born in Germany, and 5.46 for those whose mothers were born in Canada.

Malarial fever caused more than the average proportion of deaths.

#### WARD 12.

This ward contained 212 acres, 1,066 dwellings, and a total population of 12,585, giving an average density of 59.36 persons and 5.03 dwellings to each acre, with 11.81 persons to each dwelling. This ward formed 1 district.

This was part high and part low, with a large water frontage and many wharves. It had a considerable tenement house population.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18



## WARD 12—Continued.

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		Canada.		England and Wales.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	28.44	13.52	42.38	10.73	30.36	13.62
Ward 12.....	73.94	13.97	49.58	33.62	23.81	12.78	65.12	12.88	79.86	16.48

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Heart disease and dropsy.
The city.....	124.50	214.28	39.02	386.51	221.40	150.36
Ward 12.....	108.72	230.08	44.25	537.27	372.93	231.34

During the 6-year period the death rate in this ward was much above the city average, and especially so for the children under 5 years of age. For those 15 years of age and upward it was below the city average for those whose mothers were born in the United States and in Germany, but above the average for those whose mothers were born in Ireland, in Canada, and in England and Wales. It was highest among those whose mothers were born in Ireland, being 33.62 as against 13.97 for those whose mothers were born in the United States and 12.78 for those whose mothers were born in Germany.

Typhoid fever, diarrheal diseases, consumption, pneumonia, heart disease and dropsy, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 13.

This ward contained 495 acres, 2,033 dwellings, and a total population of 22,375, giving an average density of 45.20 persons, and 4.11 dwellings to the acre, with 11.01 persons to each dwelling. This ward formed 1 district.

Much of this area was made land. The buildings were principally frame, many being tenements. The sewers were in fair condition.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	24.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 13.....	35.67	115.71	44.28	132.72	34.23	112.24	29.71	101.85

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		Canada.		England and Wales.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	28.44	13.52	42.38	10.73	30.36	13.62
Ward 13.....	60.55	17.53	45.40	28.47	34.24	17.00	53.64	15.49	33.94	18.99

AREAS.	DEATH PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrhea and dysentery.	Typhoid fever.	Consumption.	Pneumonia.	Measles.
The city.....	124.50	214.28	39.02	386.51	221.40	11.61
Ward 13.....	108.72	230.08	44.25	537.56	265.50	24.14

During the 6-year period the death rate in this ward was higher than in any other ward in the city except ward 8, being 32.98 as against the average of 23.59. It was especially high among the children under 5 years of age. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 28.47 as against 17.53 for those whose mothers were born in the United States and 17.00 for those whose mothers were born in Germany.

Typhoid fever caused a higher death rate in this ward than in any other part of the city except in ward 4.

Diphtheria and croup, diarrheal diseases, consumption, pneumonia, measles, whooping cough, diseases of the liver, and diseases of the nervous system also caused more than the average proportion of deaths.

## WARD 14.

This ward contained 533 acres, 3,294 dwellings, and a total population of 26,367. There were 14 acres of parking, excluding which there was an average density of 50.80 persons and 6.35 dwellings to each acre, with 8.00 persons to the dwelling. This ward formed 1 district.

This ward was mostly surrounded by water. The surface was rolling, with good drainage. The dwellings were generally frame, comparatively new, and occupied by people of moderate circumstances. There were but few tenement houses in this section.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 14 .....	21.82	81.40	19.60	79.58	23.50	82.30	23.33	66.67

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
Ward 14 .....	34.90	12.87	29.56	23.15	33.92	11.46	25.10	15.38	35.25	11.21

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Whooping cough.
The city .....	124.50	214.28	39.02	386.51	221.40	19.49
Ward 14 .....	121.54	189.53	48.07	372.87	177.85	21.97

During the 6-year period the death rate in this ward was somewhat below the city average, but was above it for the foreign born. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 23.15 as against 15.38 for those whose mothers were born in England and Wales, 12.87 for those whose mothers were born in the United States, 11.46 for those whose mothers were born in Germany, and 11.21 for those whose mothers were born in Canada. The death rate of the German children under 15 years of age was above the city average.

Typhoid fever and whooping cough caused more than the average proportion of deaths.

## WARD 15.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 15 .....	26.05	90.90	25.06	85.75	26.58	93.43	21.31	48.48

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
Ward 15 .....	44.81	14.98	30.52	21.64	38.95	17.64	28.71	12.14	44.51	12.36

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Measles.
The city .....	124.50	214.28	39.02	386.51	221.40	11.61
Ward 15 .....	192.67	245.49	53.79	406.86	198.54	19.56

During the 6-year period the death rate in this ward was about the city average, being slightly above it for the native and slightly below it for the foreign born for both children and adults. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 21.64 as against 17.64 for those whose mothers were born in Germany and 14.98 for those whose mothers were born in the United States.

Typhoid fever, diphtheria and croup, diarrheal diseases, consumption, measles, and whooping cough caused more than the average proportion of deaths. The proportion of stillbirths was higher than in any other district in the city, being 49.88 per 100,000 as against 28.84, the average.

#### WARD 16.

This ward contained 98 acres, 1,451 dwellings, and a total population of 18,048, giving an average of 184.16 persons and 14.81 dwellings to the acre, with 12.14 persons to each dwelling. This ward formed 1 district.

This was low and mostly made land. The buildings were principally brick. It contained many apartment houses, and also a large number of originally private dwellings which has been changed into tenement houses. Some of the streets were quite narrow, with crowded houses. Some sewers were good and some bad, while others were small and without sufficient pitch.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.					
	Native.				Foreign.	
	Both parents		One or both parents		Total.	Under 5 years.
The city .....	21.93	98.93	21.51	61.18		
Ward 15 .....	23.59	90.90	21.31	48.48		

## WARD 16—Continued.

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States		Ireland.		Germany.		Canada.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	42.38	10.73	33.14	8.76
Ward 16 .....	62.86	15.31	58.09	31.66	20.88	14.29	63.55	12.47	27.55	6.94

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption	Pneumonia.	Measles.
The city .....	124.50	214.28	39.02	386.51	221.40	11.61
Ward 16 .....	118.66	227.59	35.01	447.40	256.77	22.37

During the 6-year period the death rate in this ward was above the city average, especially for the native children under 5 years of age. For those 15 years of age and upward it was especially high among those whose mothers were born in Ireland, being 31.66 as against 14.29 for those whose mothers were born in Germany and 15.31 for those whose mothers were born in the United States.

Consumption, pneumonia, measles, childbirth and puerperal diseases, diseases of the liver, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 17.

This ward contained 160 acres, 1,620 dwellings, and a total population of 15,638, giving an average density of 97.74 persons and 10.13 dwellings to the acre, with 9.65 persons to each dwelling. This ward formed 1 district.

A large part of this ward was made land. It was principally a residence section, with brick houses occupied by a good class of residents. The streets were wide and the sewers in good condition. It contained but few tenement houses.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 17 .....	20.31	103.74	16.44	105.73	26.94	102.86	22.92	107.14

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
Ward 17 .....	39.64	12.84	38.54	25.64	28.99	18.43	35.58	13.37	45.12	9.44

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption	Pneumonia.	Measles.
The city .....	124.50	214.28	39.02	386.51	221.40	11.61
Ward 17 .....	118.66	227.59	35.01	447.40	256.77	22.37

During the 6-year period the death rate in this ward was below the city average, but was above it for the children under 5 years of age and for the foreign born. For those 15 years of age and upward it was unusually high among those whose mothers were born in Germany, being 18.43 as against the city average of 13.52 for those of this class.

Typhoid fever, cancer and tumor, and diseases of the urinary organs caused more than the average proportion of deaths.

#### WARD 18.

This ward contained 202 acres, 1,712 dwellings, and a total population of 16,035. There were 7 acres of parking, excluding which there was an average density of 82.23 persons and 8.78 dwellings to the acre, with 9.37 persons to each dwelling. This ward formed 1 district.

This was low land and a residence section. The houses were generally of brick and of good size, but were rapidly changing to boarding and lodging houses.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	24.49	94.09	20.31	83.08	28.81	98.93	21.51	61.18
Ward 18.....	18.68	96.31	17.89	83.33	20.55	106.19	17.25	181.82

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
Ward 18.....	34.57	16.38	31.43	19.44	24.34	9.64	42.19	12.73	39.49	7.81

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Cancer and tumor.
The city.....	124.50	214.28	39.02	386.51	221.40	73.55
Ward 18.....	80.54	107.02	23.17	239.42	172.12	78.34

During the 6-year period the death rate in this ward was considerably below the city average, but was above it for the children under 5 years of age, especially for the foreign born. For those 15 years of age and upward the death rate was above the average for those whose mothers were born in the United States and in England and Wales and below it for those whose mothers were born in Ireland, in Germany, and in Canada.

Cancer and tumor caused more than the average proportion of deaths.

#### WARD 19.

This ward contained 220 acres, 2,437 dwellings, and a total population of 23,016. There were 3 acres of parking, excluding which there was an average density of 106.06 persons and 11.23 dwellings to the acre, with 9.44 persons to each dwelling. This ward formed 1 district.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 19 .....	28.58	112.55	22.23	101.41	32.52	116.25	25.37	72.92

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
Ward 19 .....	42.67	14.02	44.31	28.68	42.65	17.68	41.31	13.59	44.33	11.34

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Diseases of the nervous system.
The city .....	124.50	214.28	39.02	386.51	221.40	243.71
Ward 19 .....	173.79	272.02	34.76	426.17	240.29	259.18

During the 6-year period the death rate in this ward was above the city average, especially for the children under 5 years of age. For those 15 years of age and upward it was above the city average for those whose mothers were born in Ireland, in Germany, and in Canada and below it for those whose mothers were born in the United States.

Scarlet fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, whooping cough, diseases of the liver, and diseases of the nervous system caused more than the average proportion of deaths.

#### WARD 20.

This ward contained 680 acres, 3,043 dwellings, and a total population of 24,335. There were 3 acres of parking and 1 acre of cemeteries, excluding which there was an average density of 36.00 persons and 4.50 dwellings to the acre, with 8.00 persons to each dwelling. This ward was divided into 2 districts.

**SANITARY DISTRICT A.**—Bounded by East Lenox, Fellows, Tileston, Albany, and East Chester Park streets, Roxbury canal, South bay, Willow court, and Boston, Cottage, Dudley, Dennis, Winthrop, Greenville, Dudley, Warren, and Washington streets. Area, 406 acres; park area, 3 acres; cemetery area, 1 acre; population, 16,981, giving an average of 42.24 persons to each acre of area, exclusive of parks and cemeteries.

This was mostly low land, composed of a marsh very poorly drained, and sparsely settled for the greater part by poor people. The southern part was more elevated and had a better class of residents in good houses. The sewers in this ward were fairly good.

The death rates in this district, compared with the average rates for the city, were as follows:

	DEATH RATES PER 1,000 WHITE POPULATION.	
	Native.	
		Foreign.

## VITAL STATISTICS.

## SANITARY DISTRICT A—Continued.

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
District A .....	50.15	15.56	38.54	23.47	34.14	21.51	28.57	14.20	48.55	12.14

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Whooping cough.	Childbirth and puerperal diseases.
The city .....	124.50	214.28	39.02	386.51	19.49	14.92
District A .....	188.89	271.39	36.91	373.43	33.65	19.54

During the 6-year period the death rate in this district was above the average, but was below it for the foreign born children under 5 years of age. For those 15 years of age and upward it was below the city average for those whose mothers were born in Ireland and above it for those whose mothers were born in the United States, in Germany, in England and Wales, and in Canada.

Diphtheria and croup, diarrheal diseases, whooping cough, heart disease and dropsy, childbirth and puerperal diseases, and diseases of the liver caused more than the average proportion of deaths.

**SANITARY DISTRICT B.**—Bounded by Winthrop, Dennis, Dudley, Cottage, Boston, Columbia, and Quincy streets and Blue Hill avenue. Area, 274 acres; population, 7,354, giving an average of 26.84 persons to each acre of area.

This was nearly all high land with good natural drainage and good sewers, occupied by good to first class dwellings.

The death rates in this district, compared with the average rates for the city, were as follows:

DEATH RATES PER 1,000 WHITE POPULATION.								
AREAS.	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District B .....	16.01	52.39	12.57	28.81	23.30	85.32	15.04	92.59

DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—										
AREAS.	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
District B .....	15.92	11.39	42.19	16.93	12.82	15.67	21.28	10.51	28.83	8.27

DEATH RATES PER 100,000 POPULATION DUE TO—						
AREAS.	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Whooping cough.	Childbirth and puerperal diseases.
The city .....	124.50	214.28	39.02	386.51	19.49	14.92
District B .....	188.89	271.39	36.91	373.43	33.65	19.54

During the 6-year period the death rate in this district was below the city average, but was above it for the foreign born children under 5 years of age and for those under 15 years of age whose mothers were born in Ireland. For those 15 years of age and upward it was above the city average for those whose mothers were born in Germany, but below it for those whose mothers were born in the United States, in Ireland, in England and Wales, and in Canada.

Childbirth and puerperal diseases caused a little more than the average proportion of deaths.

## WARD 21.

This ward contained 856 acres, 3,263 dwellings, and a total population of 22,930. There were 14 acres of parking and 4 acres of cemeteries, excluding which there was an average density of 27.36 persons and 3.89 dwellings to the acre, with 7.03 persons to each dwelling. This ward formed 1 district.

This was nearly all high land with good natural drainage and good sewers, good streets, and detached houses occupied by residents of a good class.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
Ward 21 .....	18.08	59.58	17.49	47.72	19.14	70.13	14.22	39.68

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
Ward 21 .....	21.21	15.86	30.42	16.31	20.44	8.77	12.75	15.30	27.88	7.43

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Diseases of the liver.
The city .....	124.50	214.28	39.02	386.51	221.40	23.43
Ward 21 .....	83.87	126.22	21.59	217.56	155.28	24.08

During the 6-year period the death rate in this ward was much below the city average, especially for the foreign born. For those 15 years of age and upward it was above the city average for those whose mothers were born in the United States and in England and Wales, but below it for those whose mothers were born in Ireland, in Germany, and in Canada.

Diseases of the liver caused slightly more than the average proportion of deaths.

## WARD 22.

This ward contained 1,344 acres, 2,025 dwellings, and a total population of 20,011. There were 221 acres of parking, excluding which there was an average density of 17.82 persons and 1.80 dwellings to the acre, with 9.88 persons to each dwelling. This ward was divided into 3 districts.

SANITARY DISTRICT A.—Bounded by Charles river, West Chester Park street, Huntington avenue, Francis street, Longwood stream, and St. Mary street. Area, 726 acres; park area, 145 acres; population, 1,993, giving an



The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District A .....	13.48	48.48	9.37	25.86	22.69	73.72	13.46	83.33

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
District A .....	11.44	7.89	73.53	20.00	55.56	13.61	26.32	9.80	38.46	4.69

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Childbirth and puerperal diseases.
The city .....	124.50	214.28	39.02	386.51	73.55	14.92
District A .....	57.50	76.67	9.58	230.02	86.26	19.17

During the 6-year period the death rate in this district was lower than that of any other district in the city except sanitary district B of ward 10, but was above the city average for the foreign born children under 5 years of age. For those 15 years of age and upward whose mothers were born in the United States it was but little more than one-half of the average city rate. It was decidedly above the city rate for those under 15 years of age whose mothers were born in Ireland and in Germany.

Cancer and tumor, childbirth and puerperal diseases, and diseases of the liver caused more than the average proportion of deaths.

**SANITARY DISTRICT B.**—Bounded by Francis and Tremont streets, Boston and Providence railroad, Centre and Perkins streets, and Longwood stream. Area, 446 acres; park, 76 acres; population, 8,128, giving an average of 21.97 persons to each acre of area, exclusive of parks.

This was nearly all high land, sparsely settled by residents of the middle class, excepting a small portion of low swampy land, with a poorer class of residents. The natural drainage was good and the sewers but few.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5	Total.	Under 5		
							33	
							21.51	61.18
							17.98	55.56

## SANITARY DISTRICT B—Continued.

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
District B .....	31.95	11.00	30.67	17.00	23.72	10.71	46.30	9.73	33.18	11.55

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Diseases of the liver.	Diseases of the urinary organs.
The city .....	124.50	214.28	39.02	386.51	23.43	84.84
District B .....	147.90	218.46	11.75	310.08	25.84	96.31

During the 6-year period the death rate in this district was below the city average for both children and adults and native and foreign born. For those 15 years of age and upward it was highest among those whose mothers were born in Ireland, being 17.00 as against 11.55 for those whose mothers were born in Canada, 11.00 for those whose mothers were born in the United States, and 10.71 for those whose mothers were born in Germany.

Diphtheria and croup, diarrheal diseases, diseases of the liver, and diseases of the urinary organs caused more than the average proportion of deaths.

**SANITARY DISTRICT C.**—Bounded by West Chester Park street, Boston and Providence railroad, Tremont street, and Huntington avenue. Area, 172 acres; population, 9,890, giving an average of 57.50 persons to each acre of area.

This was a low district with considerable made land and poor drainage, portions being frequently submerged after heavy rains.

The death rates in this district, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 WHITE POPULATION.							
	Native.						Foreign.	
	Total.	Under 5 years.	Both parents native.		One or both parents foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	24.49	94.09	20.31	83.08	28.31	98.93	21.51	61.18
District C .....	23.69	80.86	20.39	69.96	24.38	82.94	19.38	68.38

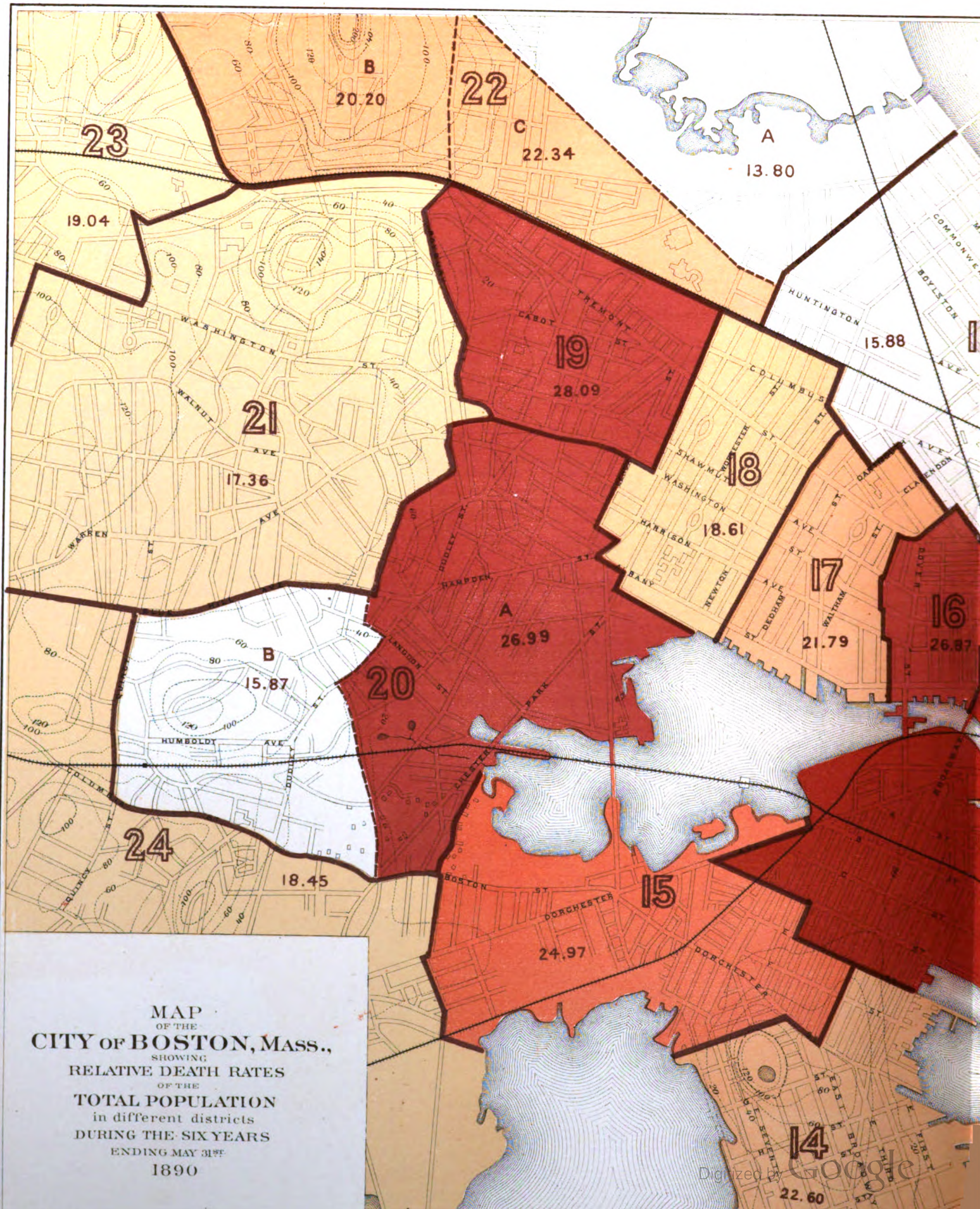
  

AREAS.	DEATH RATES PER 1,000 PERSONS WHOSE MOTHERS WERE BORN IN—									
	United States.		Ireland.		Germany.		England and Wales.		Canada.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	37.76	14.79	39.03	24.12	28.44	13.52	30.36	13.62	42.38	10.73
District C .....	31.71	8.98	32.21	17.80	29.66	12.63	35.80	18.35	54.03	17.73

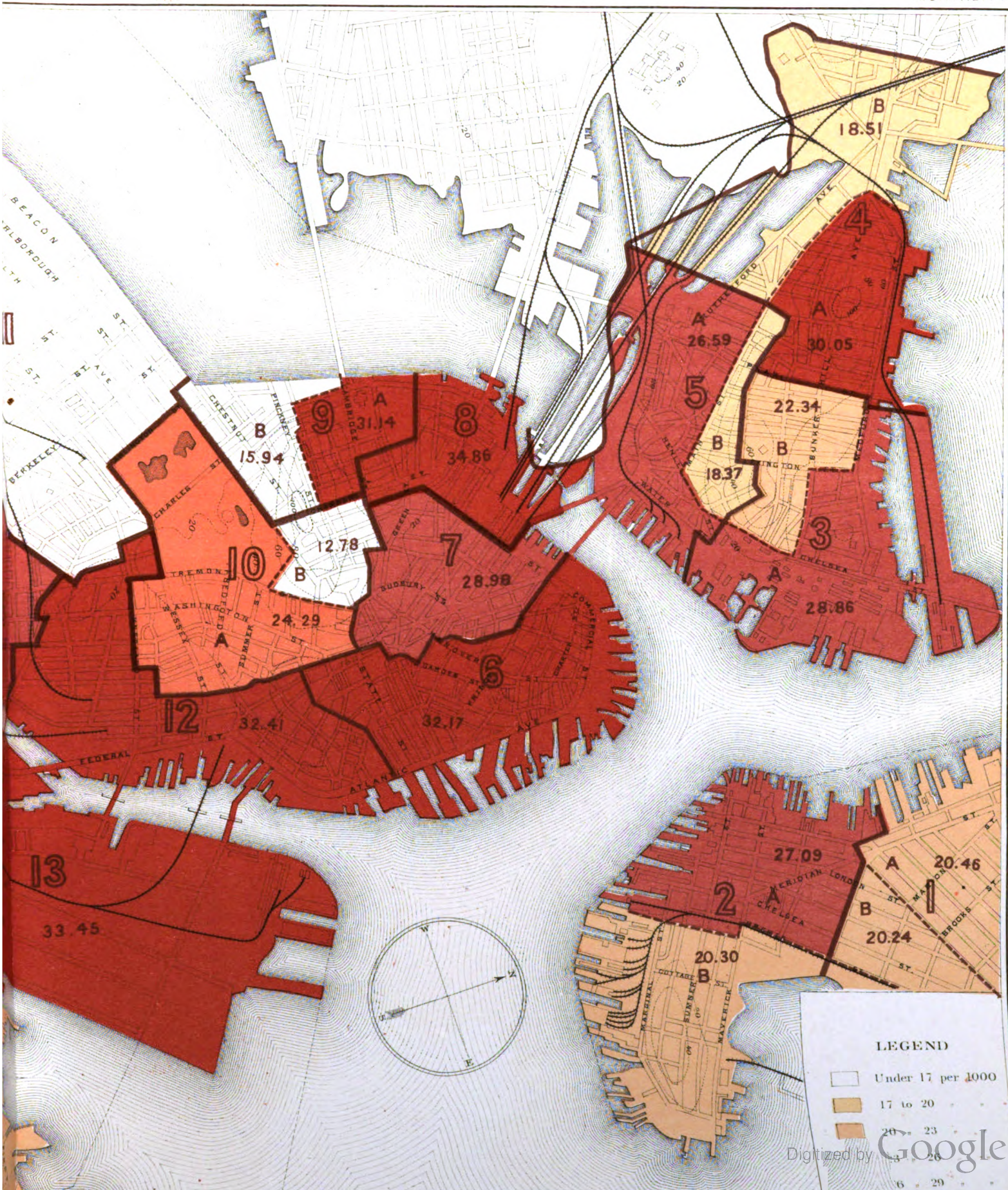
  

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Childhood.					

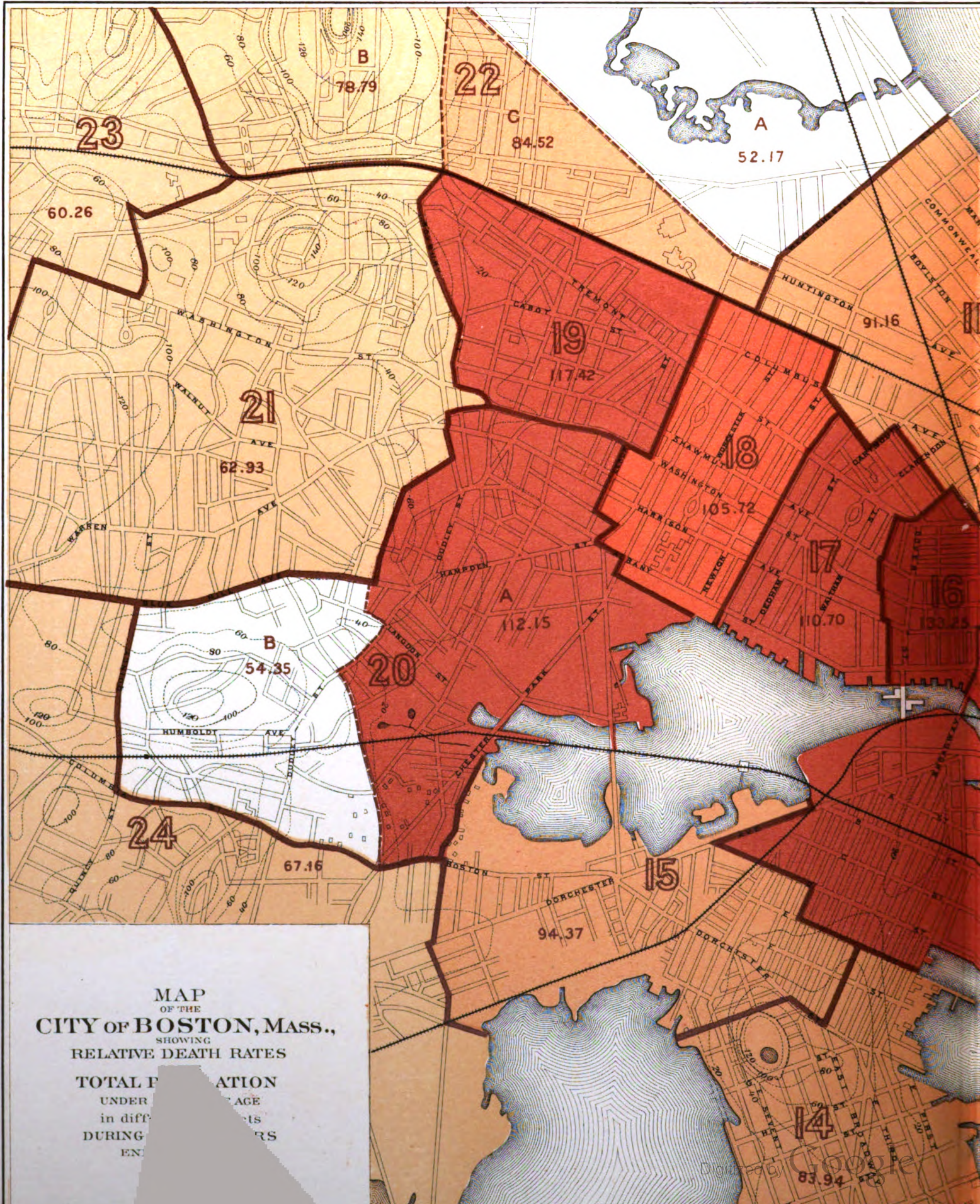




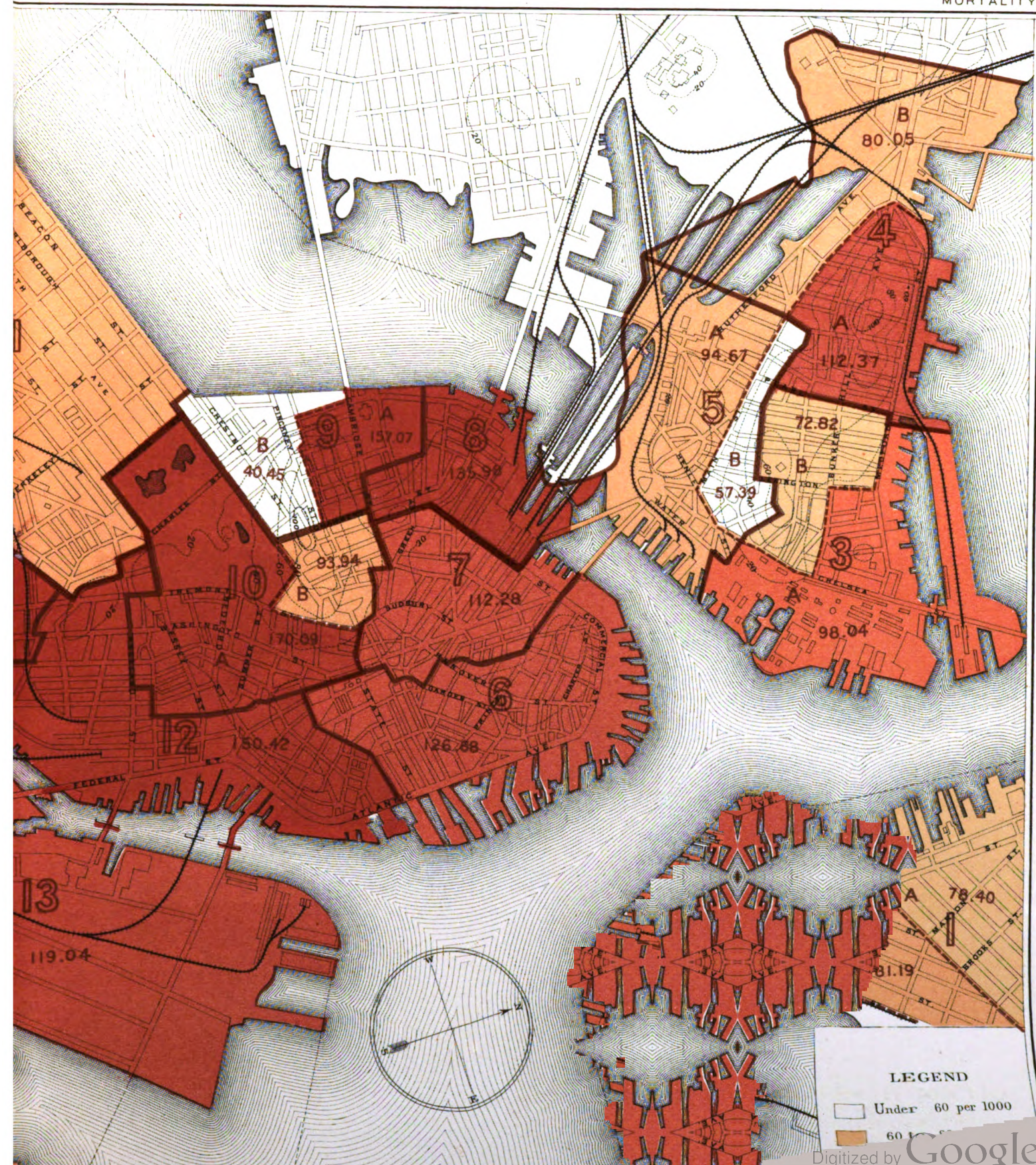




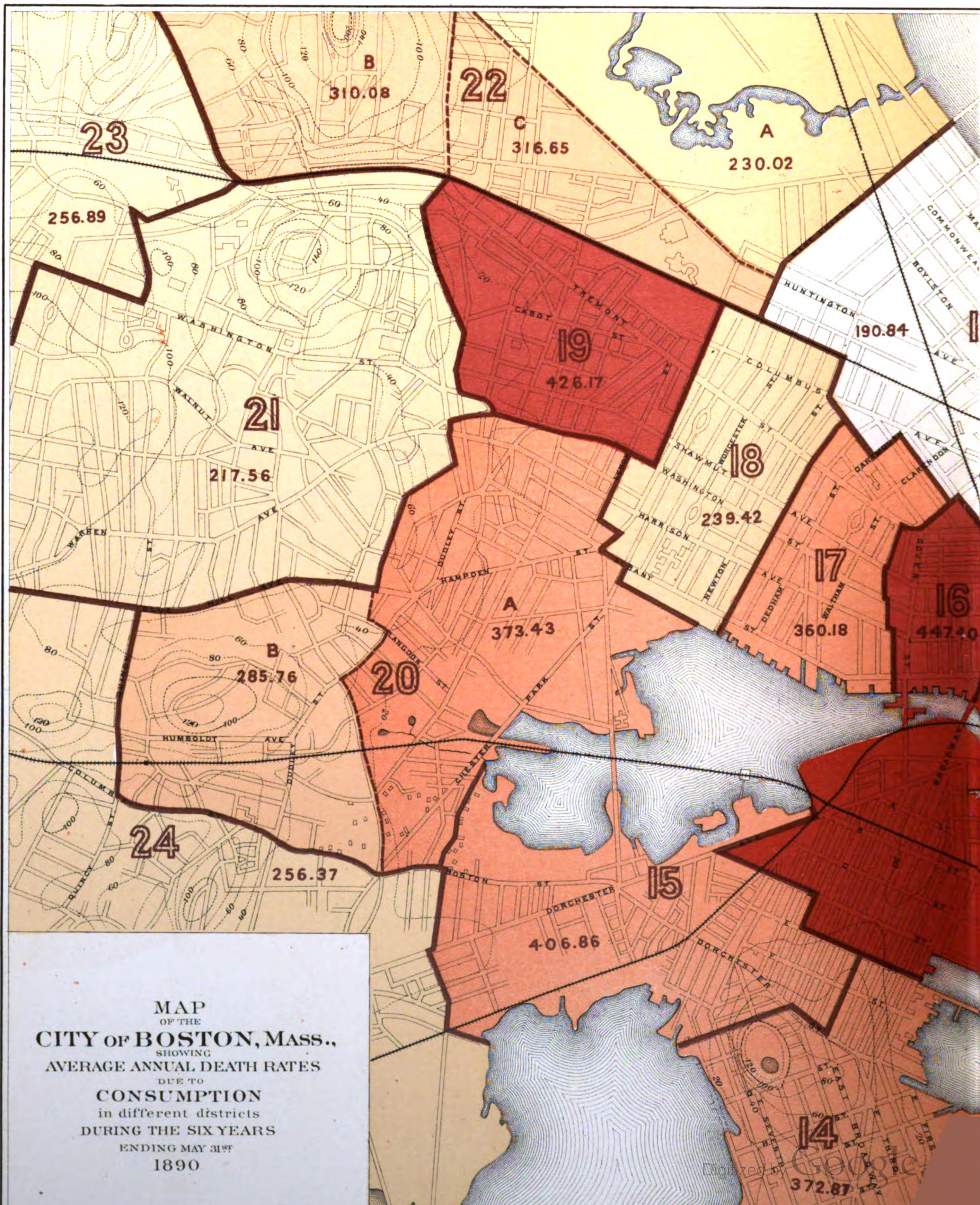




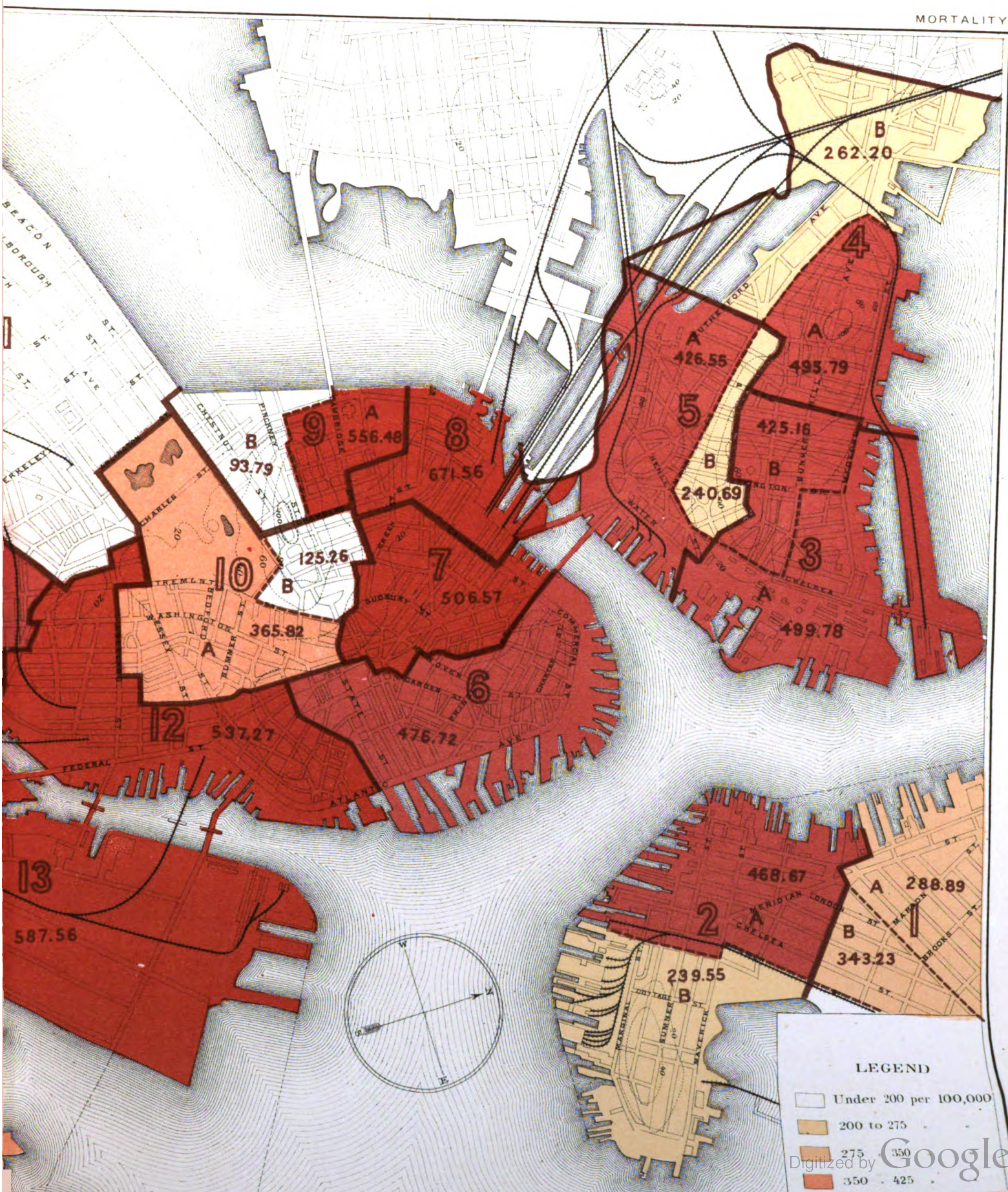




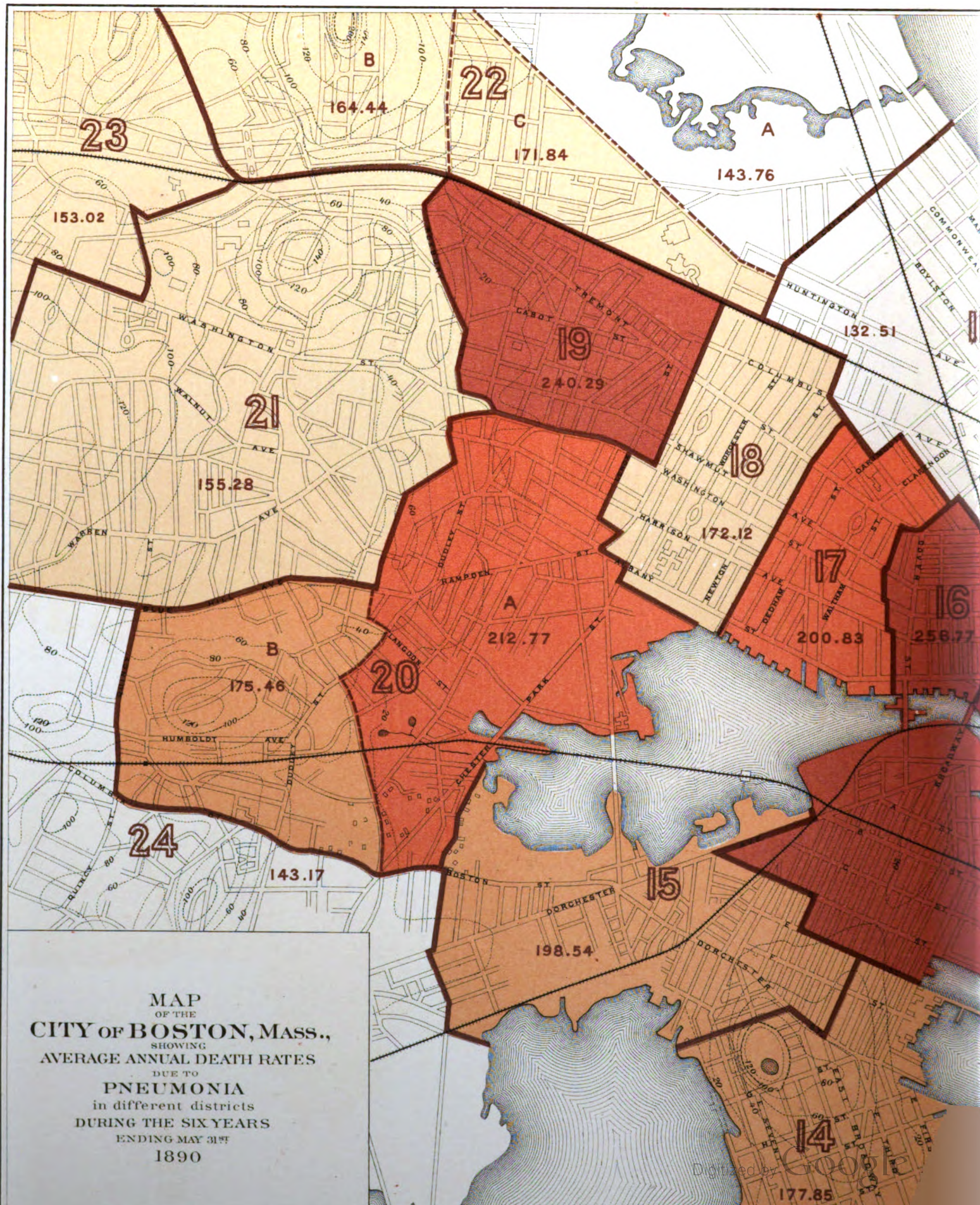




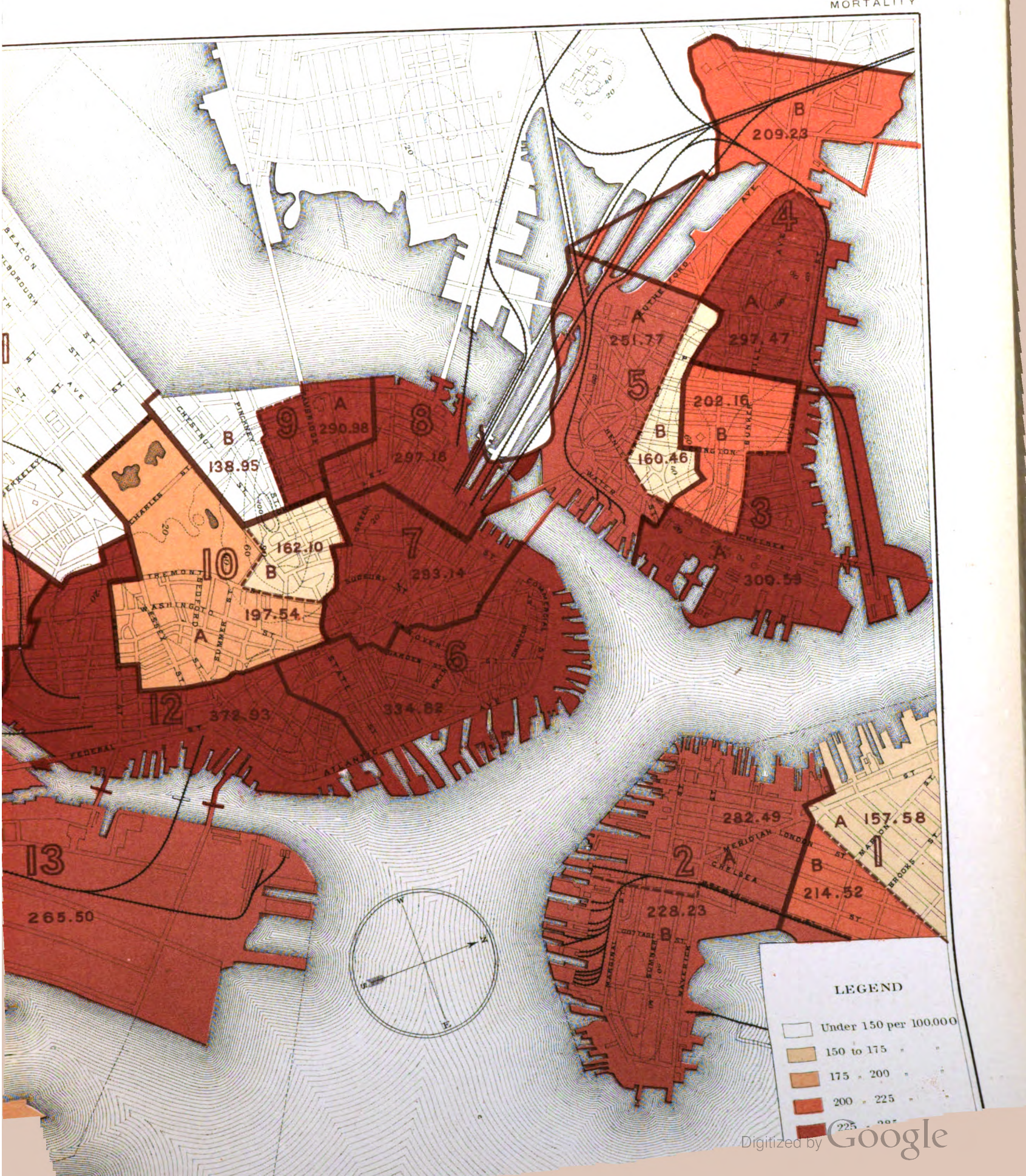




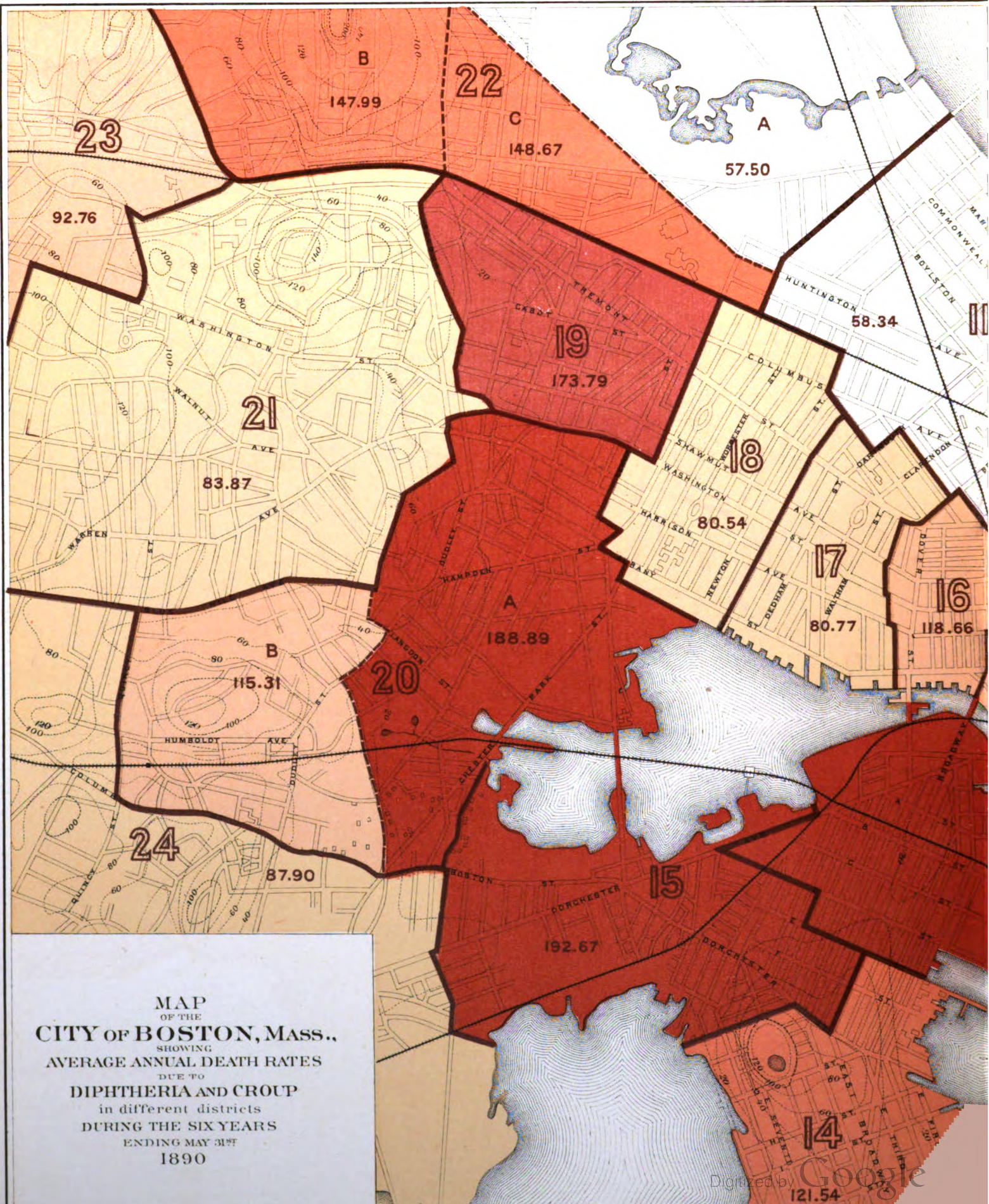






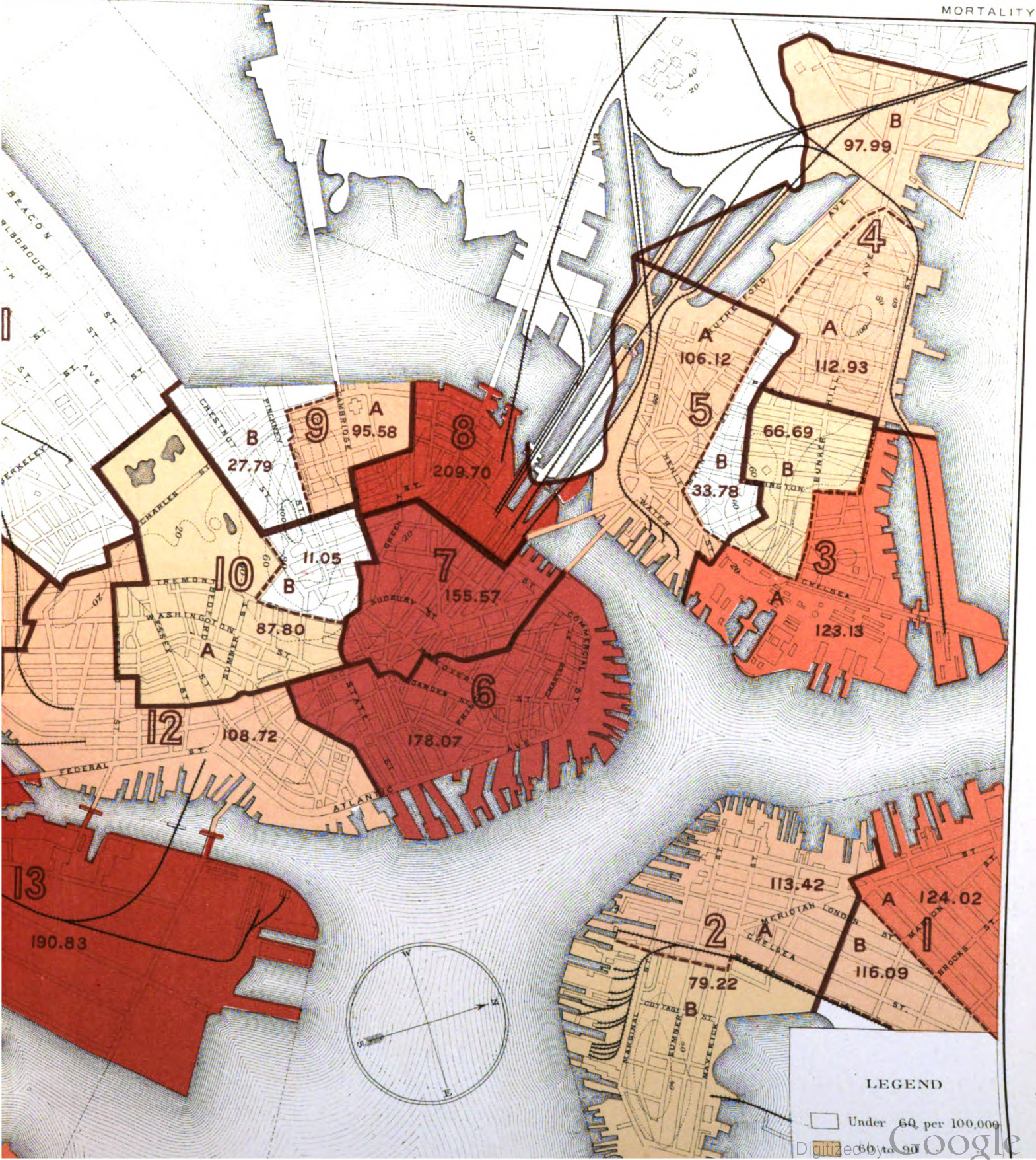






MAP  
OF THE  
CITY OF BOSTON, MASS.,  
SHOWING  
AVERAGE ANNUAL DEATH RATES  
DUE TO  
DIPHTHERIA AND CROUP  
in different districts  
DURING THE SIX YEARS  
ENDING MAY 31ST  
1890





LEGEND

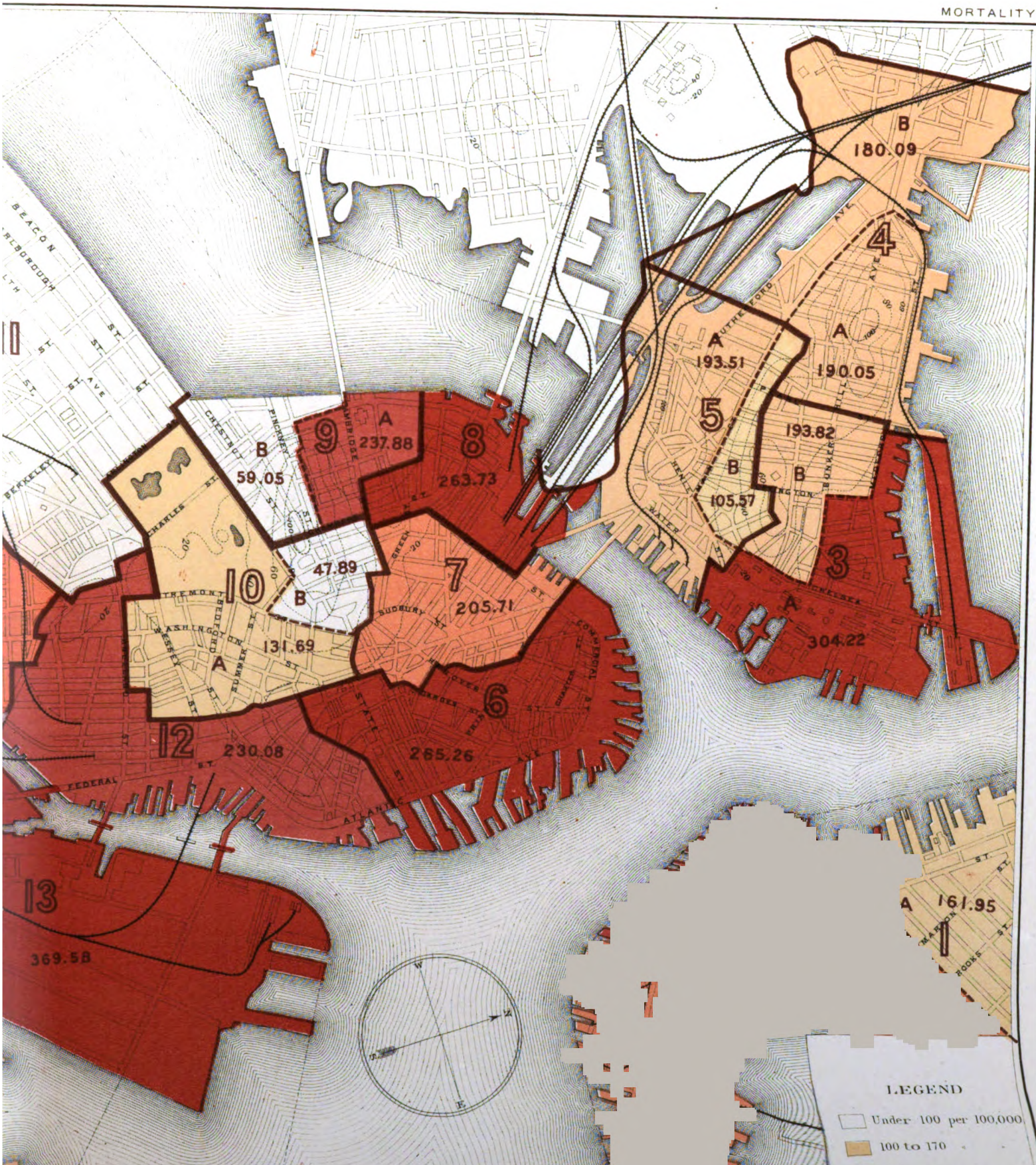
Under 60 per 100,000

60 to 90



Digitized by Google







## PHILADELPHIA.

Philadelphia, in latitude  $39^{\circ} 57'$  north, longitude  $75^{\circ} 9'$  west from Greenwich, is situated at the junction of the Delaware and Schuylkill rivers, in the extreme eastern part of the state of Pennsylvania. On June 1, 1890, it contained 129.38 square miles, or 82,807 acres. Of this area 108 square miles, or 69,120 acres, lay between the Delaware and Schuylkill rivers, north of their junction, and 21.38 square miles, or 13,687 acres, lay west of the Schuylkill. The United States navy yard was located on League island, at the junction of the two rivers.

About 4 square miles of the southern portion of the city, known as "The Neck", was partially below tide and was occupied principally by truck farms. North and west of The Neck the elevation increased, the summit between the two rivers lying near the Schuylkill river along Ridge avenue to Laurel Hill cemetery, and along Germantown avenue in the village of Germantown.

The surface slopes to the northwest, the elevations at some of the principal points being as follows: city hall, 49 feet; Frankford, 35 to 60 feet; Holmesburg, 80 feet; Bustleton, 126 feet; Nicetown, 130 feet; Olney, 135 feet; Volunteertown, 159 feet; Crescentville, 216 feet; Branchtown, 226 feet; Fox Chase, 240 feet; Pittsville, 263 feet; Germantown, 300 feet; Manayunk and Roxboro, 310 feet; Mount Airy, 370 feet; Chestnut Hill, 446 feet. The northwestern section was rolling, with many abrupt changes in level, and traversed by numerous creeks and small streams. The Wissahickon creek was in a narrow rocky gorge, and the banks of the Schuylkill above Fairmount were rocky bluffs.

Of the entire area, about 40 square miles, or some 26,000 acres, was strictly urban territory, about 50 square miles, or some 32,000 acres, was suburban land containing many villages and undergoing city improvements, and about 40 square miles, or some 25,000 acres, was farm land.

The city had, on June 1, 1890, a total area of 82,807 acres and a total population of 1,046,964, the number of persons to each acre of total area being 12.64.

The city records do not afford information as to the area of all open spaces in each ward from which the density of population to the acre of actual building area could be computed. The park and cemetery area has been furnished, and shows an aggregate of 4,230 acres within the city limits devoted to parks and cemeteries, leaving 78,577 acres occupied by streets and buildings; excluding the parks and cemeteries, the population density rises to 13.32 per acre.

The total number of dwellings in the city was 187,052, containing 205,135 families, and a total population of 1,046,964, giving an average of 5.10 persons to a family and 5.60 persons to a dwelling.

### SANITARY DISTRICTS.

For the purpose of studying the local sanitary conditions the death rates in the city have been computed separately for wards, each ward being treated as a sanitary district. The ward boundaries are indicated upon the accompanying maps by lines of solid color.

In the small tables given for each ward the statement showing the death rates per 1,000 of population is exclusive of stillbirths, while the rates given according to birthplaces of persons include stillbirths. It is to be distinctly understood that in these descriptions the remarks about the character of the buildings and the inhabitants of the several districts apply to the period for which the deaths were returned and not to the present time. The statements are purely historical and are intended to furnish the means of estimating the relations of altitude, character of people, and the nature of the surroundings, and while no doubt many of the conditions referred to still exist, yet numerous changes have occurred which might modify the characteristics of the districts as given herein.

The descriptions of the districts referred to were furnished by Dr. William H. Ford, president of the board of health.

## VITAL STATISTICS.

## WARD 1.

This ward contained 3,526 acres, 10,455 dwellings, and a total population of 53,882. Excluding 13 acres of parks and cemeteries, there were 15.34 persons and 2.98 dwellings to each acre. There were 5.15 persons to each dwelling.

It was to a large extent farm land, and embraced what is known as "The Neck" or point of land bounded on the east and south by the Delaware river. This ward had a large and valuable river front, on which were located some of the most extensive manufacturing works, notably sugar refineries, fertilizing works, salt works, and coal shipping wharves of the railroads. The League Island navy yard was partially situated in this ward. The inhabitants may be divided into 3 classes. The farm lands (principally truck farms) were owned and tilled by families native to the place. The eastern section was peopled by foreigners engaged principally as laborers along the wharves. The northern and residential section was principally occupied by natives of this country. Building improvements were made rapidly, consisting generally of brick dwellings of medium size. The Woman's hospital was in this ward.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 1 .....	22.08	83.33	23.94	84.35	14.91	17.44	33.07	123.11

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 1 .....	38.97	16.53	6.56	21.71	4.44	11.96	.....	10.93	2.60	9.84

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Malarial fever.
The city .....	98.30	156.11	69.35	297.87	26.18	7.21
Ward 1 .....	106.18	153.48	61.20	275.54	39.69	9.26

During the 6-year period the average annual death rate in this ward was about the same as the average for the whole city. It was above the average for the white children under 5 years of age and for the total colored, but was below the average for the colored children under 5 years of age. For those 15 years of age and upward it was above the average for those born in Ireland and below it for those born in the United States and in Germany.

Scarlet fever, malarial fever, diphtheria and croup, heart disease and dropsy, diseases of the liver, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 2.



The death rates in this ward, compared with the average rates for the city, were as follows :

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.00	29.52	149.22
Ward 2 .....	23.93	79.42	29.17	83.26	13.92	7.41	24.21	89.95

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Italy.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	3.50	8.99
Ward 2 .....	45.37	21.67	2.78	25.88	1.32	13.54	.....	5.11	3.31	10.05

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Scarlet fever.
The city .....	98.30	156.11	69.35	237.87	164.17	26.18
Ward 2 .....	105.08	176.41	59.35	316.35	194.38	35.93

During the 6-year period the average annual death rate in this ward was above the city average, and especially so for the native white, being below the average for the foreign born and the colored. For those 15 years of age and upward it was highest among those born in Ireland, being 25.88 as against 21.67 for those born in the United States, 13.54 for those born in Germany, and 10.05 for those born in Italy.

Scarlet fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, measles, heart disease and dropsy, diseases of the liver, and diseases of the nervous system caused more than the average proportion of deaths. The proportion of stillbirths was decidedly above the average, being 151.37 per 100,000 of population as against an average of 117.68.

### WARD 3.

This ward contained 122 acres, 3,221 dwellings, and a total population of 19,925. Excluding cemeteries, there were 164.67 persons and 26.62 dwellings to each acre. There were 6.19 persons to each dwelling.

It was compactly built upon; the buildings were principally dwellings of medium character. A number of old frame buildings still remained in this quarter, and, as in other of the older sections of the city, several courts, alleys, and small streets still existed. The population was a mixed one, in which Russian and Polish Jews and Italians predominated. The locality had ceased to be a desirable one for the middle or better class of people to reside in, although one of the finest public libraries was located at the western end of the ward. There were but few industrial works in this ward; the foreign population were engaged in clothing establishments, peddling, and manual labor.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.					
	White.				Colored.	
	Total.	Under 5 years.	Native.	Foreign.	Total.	Under 5 years.
The city .....	21.54	80		14.00	29.52	149.22
Ward 3 .....	21.91			93	21.71	89.27

## VITAL STATISTICS.

## WARD 3—Continued.

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		Italy.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.50	8.99	1.01	4.89
Ward 3 .....	50.31	21.24	14.62	28.44	0.78	11.42	4.93	8.30	0.94	1.71

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Scarlet fever.
The city .....	98.30	156.11	69.35	297.87	164.17	28.18
Ward 3 .....	119.32	185.42	41.21	313.33	200.02	37.77

During the 6-year period the average annual death rate in this ward was above the city average, being almost the same as that in ward 2. It was below the average for the foreign born and the colored. For those 15 years of age and upward it was 28.44 among those born in Ireland, 21.24 among those born in the United States, 11.42 for those born in Germany, and 8.30 for those born in Italy.

Scarlet fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, measles, whooping cough, diseases of the liver, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths. The proportion of stillbirths per 100,000 of population was 164.82 as against the city average of 117.68.

## WARD 4.

This ward contained 147 acres, 3,120 dwellings, and a total population of 20,384. Excluding cemeteries, there were 141.56 persons and 21.67 dwellings to each acre. There were 6.53 persons to each dwelling.

This was one of the oldest sections of the city. Perhaps more filth and squalor existed in this ward than in any other. Here was located a portion of the district formerly designated as the "slums", and at one time peopled by the lowest and vilest characters that congregate in a large city. Small streets, courts, and alleys extended throughout the ward. No fine residences were found in the ward; old style 2 and 3 story brick buildings predominated, with numerous dilapidated frame houses. On the river front were 2 extensive sugar refineries and a warehouse. Italians, Huns, Russians, and Polish Jews had gradually occupied this section until the original character of the population had almost entirely changed. The foreign element was principally laborers, peddlers, rag pickers, or engaged in other kindred pursuits. The Italians were generally thrifty and saving, investing mostly in real estate.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 4 .....	29.98	99.32	46.48	108.33	12.93	6.44	43.38	215.34

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—				
	United States (white).	Ireland.	Germany.	Italy.	Other foreign countries.

## WARD 4—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Pneumonia.
The city .....	98.30	156.11	69.35	297.87	7.21	164.17
Ward 4 .....	159.87	250.27	60.27	441.11	12.56	296.30

During the 6-year period the average annual death rate in this ward was higher than in any other ward in the city except ward 27, being 31.68 as against an average of 21.86, yet it was lower than the average among the foreign born. It was very high among the colored children under 5 years of age, being 215.34 per 1,000. For those 15 years of age and upward it was highest among those born in Ireland, being 33.33 as against 32.53 for the white born in the United States, 16.86 for those born in Germany, and 6.95 for those born in Italy.

Scarlet fever, malarial fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, measles, whooping cough, heart disease and dropsy, diseases of the liver, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths. The proportion of stillbirths was higher than in any other ward in the city, being 230.18 per 100,000 of population, or nearly double the city average of 117.68.

## WARD 5.

This ward contained 205 acres, 2,271 dwellings, and a total population of 16,987. Excluding 14 acres of parks and cemeteries, there were 88.94 persons and 11.89 dwellings to each acre. There were 7.48 persons to each dwelling.

It was largely a business section, containing many wholesale mercantile and banking houses, insurance, law, and other business concerns. Some of the largest and most magnificent business structures were located in this ward, also the United States custom house, and 3 historical buildings, Independence hall, Carpenter's hall, and the old Pine Street church, and 2 public parks. A large freight depot was located on the river front, in which locality was conducted an extensive commission, fruit, and produce market. The "slums" referred to in ward 4 extended into this ward also, and into this section had drifted the worst surviving element of that once notorious locality. Blacks and whites of the lowest strata mingled, but the disorderly element was kept under the surveillance of the police force, and few disturbances occurred.

The death rates in this ward, compared with the average rates for the city, were as follows :

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.		Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 5 .....	25.67	91.71	53.31	97.72	14.09	12.03	48.46	272.06

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 5 .....	53.67	25.18	.....	27.18	8.03	16.50	3.55	11.99	0.40	3.61

DEATH RATES PER 100,000 POPULATION DUE TO—

## VITAL STATISTICS.

During the 6-year period the average annual death rate in this ward was much above the city average, being 28.85 per 1,000 of mean population. It was slightly below the average for the foreign born and very much above it for the colored, being 48.46 per 1,000 for the total and 272.06 per 1,000 for the colored children under 5 years of age. For those 15 years of age and upward it was highest among those born in Ireland, being 27.18, as against 25.18 for the white born in the United States, 16.80 for those born in Germany, and 11.99 for those born in England and Wales.

Scarlet fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, measles, cancer and tumor, heart disease and dropsy, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths. The proportion of stillbirths was also high, being 182.54 per 100,000 of population as against an average of 117.68.

## WARD 6.

This ward contained 205 acres, 1,280 dwellings, and a total population of 8,712. Excluding 10 acres of parks and cemeteries, there were 44.68 persons and 6.56 dwellings to each acre. There were 6.81 persons to each dwelling.

This ward was compactly built and contained the great wholesale business center of the city, both mercantile and manufacturing. The principal ferry and steamboat landings were on the river front of this ward. More capital was invested here than in any other section of Philadelphia of like area. Market street, one of the principal business thoroughfares, runs a distance of three-quarters of a mile through this ward. The population was a mixed one, generally old residents.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	92.12	14.70	14.60	29.52	149.22
Ward 6 .....	24.30	93.61	30.34	99.00	14.91	15.72	49.77	400.00

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 6 .....	51.04	21.35	.....	23.28	11.11	14.22	20.00	12.93	1.92	2.86

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Malarial fever.
The city .....	98.30	156.11	69.35	297.87	164.17	7.21
Ward 6 .....	119.30	150.67	55.06	418.46	181.70	9.18

During the 6-year period the average annual death rate in this ward was above the city average, and especially so for the colored population. For those 15 years of age and upward it was highest among those born in Ireland, being 23.28 as against 21.35 for the white born in the United States, 14.22 for those born in Germany, and 12.93 for those born in England and Wales.

## WARD 7.

This ward contained 281 acres, 4,750 dwellings, and a total population of 30,179. Excluding 7 acres of parks and cemeteries, there were 110.14 persons and 17.34 dwellings to each acre. There were 6.35 persons to each dwelling.

It was almost exclusively a residential part of the city. There were a number of fine residences in this ward occupied by the owners. The buildings throughout the ward were principally of brick, varying from 3-story single room dwellings to large brownstone, containing from 14 to 20 rooms. Old frame buildings had been almost eradicated from this section of the city. A mixed class of the colored population resided in this section, many of them industrious and in good circumstances, and educating their children in the public schools. Here was located the old Pennsylvania hospital and the Deaf and Dumb asylum.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 7 .....	24.30	96.25	27.85	98.15	17.06	13.89	30.54	164.20

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.02	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 7 .....	40.59	22.26	2.08	19.37	.....	15.99	6.06	13.97	2.73	5.79

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	164.17	54.73
Ward 7 .....	77.18	184.47	66.24	408.91	203.09	74.45

During the 6-year period the average annual death rate in this ward was decidedly above the city average, and especially so for the native white. For those 15 years of age and upward it was highest among the white born in the United States, being 22.26 as against 19.37 for those born in Ireland and 15.99 for those born in Germany.

Scarlet fever, diarrheal diseases, consumption, pneumonia, whooping cough, cancer and tumor, heart disease and dropsy, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 8.

This ward contained 278 acres, 2,646 dwellings, and a total population of 16,971. Excluding cemeteries, there were 61.27 persons and 9.55 dwellings to each acre. There were 6.41 persons to each dwelling.

Herein were the homes of the wealthy. Dwellings, substantial and of large dimensions, magnificent in architectural design, and hotels, theaters, clubhouses, and churches were the features of this district. A minor part of the ward was devoted to retail traffic, and an isolated part was given up to poor colored people, who resided

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.									
	White.						Colored.			
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.	Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.				
The city.....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22		
Ward 8.....	24.26	96.43	28.86	97.96	14.57	37.04	29.25	164.31		

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 8.....	41.76	25.01	.....	14.20	41.67	14.83	19.05	9.90	9.80	12.18

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Heart disease and dropsy.
The city.....	98.30	156.11	69.35	297.87	54.73	146.27
Ward 8.....	64.01	121.43	53.65	332.28	71.54	225.91

During the 6-year period the average annual death rate in this ward was above the city average, and especially so for the foreign born children under 5 years of age. For those 15 years of age and upward it was highest among the white born in the United States, being 25.01 as against 14.83 for those born in Germany and 14.20 for those born in Ireland.

Consumption, pneumonia, cancer and tumor, heart disease and dropsy, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths.

#### WARD 9.

This ward contained 256 acres, 1,519 dwellings, and a total population of 9,791. There were 38.25 persons and 5.93 dwellings to each acre, with 6.45 persons to each dwelling.

This was formerly a residential section, but had been revolutionized into a center of traffic. In this small area were found the magnificent city hall (municipal buildings), two massive railroad passenger stations with elevated tracks, a market house, the United States post office, the United States mint, and many other buildings of importance. A branch of the city gas works was located in the western end of the ward, on the banks of the Schuylkill river.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	21.54	80.66	4.05	82.12	14.70	14.60	29.52	149.22
Ward 9.....	.....	.....	.....	102.71	17.02	30.30	22.32	147.62

## WARD 9—Continued.

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 9.....	43.95	23.97	5.56	17.95	33.33	14.18	7.23	12.35	.....	4.17

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Cancer and tumor.
The city.....	98.30	156.11	69.35	297.87	7.21	54.73
Ward 9.....	79.14	150.36	39.57	364.04	11.08	83.89

During the 6-year period the average annual death rate in this ward was above the city average, but was below it for the colored. For those 15 years of age and upward it was highest for the white born in the United States, being 23.97 as against 17.95 for those born in Ireland and 14.18 for those born in Germany.

Malarial fever, consumption, cancer and tumor, heart disease and dropsy, childbirth and puerperal diseases, diseases of the liver, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 10.

This ward contained 230 acres, 3,398 dwellings, and a total population of 21,514. Excluding 12 acres of parks and cemeteries, there were 98.69 persons and 15.59 dwellings to each acre. There were 6.33 persons to each dwelling.

It was compactly built upon and was part of the old city proper, being largely a residential section, but becoming more of a business district. The dwellings proper were of brick, generally 3 and 4 stories in height. Of the manufacturing interests a paper mill, laboratory, and machine works were located herein. The buildings of note were the Academy of Fine Arts, Academy of Natural Sciences, Cathedral, and Blind asylum. The Chinese section, with a population of about 800, was located in this ward, in which the principal commercial business of the Chinese population was transacted.

In the eastern section of the ward the dwellings were to a large extent used as boarding and lodging houses. The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 10.....	19.88	87.83	21.82	88.85	13.96	.....	14.51	166.67

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—				
	United States (white).	Ireland.	Germany.	England and Wales.	Scandinavia.

## VITAL STATISTICS.

## WARD 10—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Heart disease and dropsy.
The city .....	98.30	155.11	69.35	297.87	54.73	146.27
Ward 10 .....	83.80	121.68	43.08	278.12	64.24	160.98

During the 6-year period the average annual death rate in this ward was below the city average, but was above it for the children under 5 years of age. For those 15 years of age and upward it was below the average for those born in the United States, Ireland, England and Wales, and Scandinavia and above it for those born in Germany.

Malarial fever, cancer and tumor, heart disease and dropsy, diseases of the liver, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 11.

This ward contained 135 acres, 1,931 dwellings, and a total population of 12,953. There were 95.95 persons and 14.30 dwellings to each acre, with 6.71 persons to each dwelling.

It consisted of a narrow strip extending along the Delaware river front, and was one of the oldest sections of the city, containing many small streets, alleys, and courts, the buildings generally of brick, small in size, and inhabited by the poorer working people, principally Germans.

The business interests along the river front were confined to wholesale lumber and to railroad freight depots, a cold storage house, and market. One of the liveliest business sections was the commission house district centered in the southeastern part of the ward, and devoted to the sale of truck farmers' products, poultry, etc.

Morocco and skin dressing establishments were a part of the industries of this ward.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total		Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 11 .....	28.31	96.94	36.82	101.23	15.57	7.81	500.00	2,416.67

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
.....	51.02	27.94	.....	25.15	2.16	15.42	.....	11.53	.....	2.95

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Pneumonia.
.....	.....	.....	.....	.....	.....	.....



During the 6-year period the average annual death rate in this ward was much above the city average, being 29.11 as against an average of 21.86. The extremely high death rates among the colored were due to the fact that the average colored population in this ward was only 22; the number under 5 years of age but 2. For those 15 years of age and upward it was highest among the white born in the United States, being 27.94 as against 25.15 for those born in Ireland, 15.42 for those born in Germany, and 11.53 for those born in England and Wales.

Typhoid fever, diphtheria and croup, diarrheal diseases, consumption, pneumonia, cancer and tumor, heart disease and dropsy, diseases of the liver, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths. The proportion of stillbirths was higher than in any other ward in the city except wards 4 and 5, being 181.52 per 100,000 of population as against an average of 117.68.

## WARD 12.

This ward contained 124 acres, 2,332 dwellings, and a total population of 14,170. There were 114.27 persons and 18.81 dwellings to each acre, with 6.08 persons to each dwelling.

Like ward 11, this was one of the oldest districts, known as Northern Liberties before consolidation with the city. It contained no large or important manufactories, excepting one of the most extensive breweries in the city. The population was principally German.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 12.....	21.57	81.29	26.03	82.93	13.55	16.13	44.85	152.38

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	38.83	17.57	5.02	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 12.....	42.08	20.02	.....	16.77	4.48	14.16	.....	13.95	.....	5.50

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Diseases of the nervous system.
The city.....	98.30	156.11	69.35	297.87	54.73	318.83
Ward 12.....	102.39	154.75	62.83	314.16	69.81	353.72

During the 6-year period the average annual death rate in this ward was slightly above the city average, the excess occurring in the children under 5 years of age. For those 15 years of age and upward it was above the average for those born in the United States and in England and Wales and below it for those born in Ireland and in Germany.

Diphtheria and croup, consumption, cancer and tumor, heart disease and dropsy, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 13.

## VITAL STATISTICS.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 13.....	20.67	110.20	24.25	112.24	11.07	13.89	28.76	177.54

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 13.....	48.91	17.31	14.49	14.78	.....	11.73	14.49	8.38	.....	9.30

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Whooping cough.	Cancer and tumor.
The city.....	98.30	156.11	69.35	297.87	11.39	54.73
Ward 13.....	74.43	136.92	51.46	260.98	17.46	70.76

During the 6-year period the average annual death rate in this ward was somewhat below the city average, but was decidedly above it for the children under 5 years of age. For those 15 years of age and upward it was highest among those born in the United States, being 17.31 as against 14.78 for those born in Ireland, 11.73 for those born in Germany, and 8.38 for those born in England and Wales.

Whooping cough, cancer and tumor, heart disease and dropsy, and diseases of the liver caused more than the average proportion of deaths.

## WARD 14.

This ward contained 152 acres, 3,699 dwellings, and a total population of 20,737. There were 136.43 persons and 24.34 dwellings to each acre, with 5.61 persons to each dwelling.

The eastern section of the ward was residential in character, while in the western part manufacturing interests were located, among which were large smelting works, and a machine and bolt works, employing large numbers of skilled workmen. The district was completely built upon, and the dwellings were of brick, substantial and well built.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.		Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		

## WARD 14—Continued.

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 14 .....	45.24	17.80	2.73	16.07	2.73	15.78	.....	10.22	18.52	14.46

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Heart disease and dropsy.
The city .....	98.30	156.11	60.35	297.87	54.73	146.27
Ward 14 .....	77.01	146.95	79.37	320.62	67.58	166.60

During the 6-year period the average annual death rate in this ward was slightly below the city average, but was decidedly above it in the white children under 5 years of age. For those 15 years of age and upward it was a little above the average for the white born in the United States and in Germany and below it for those born in Ireland.

Scarlet fever, typhoid fever, consumption, pneumonia, cancer and tumor, heart disease and dropsy, diseases of the liver, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 15.

This ward contained 671 acres, 8,654 dwellings, and a total population of 52,705. Excluding 143 acres of Fairmount park, there were 99.82 persons and 16.39 dwellings to each acre. There were 6.09 persons to each dwelling.

It contained large manufacturing establishments, located principally along the lines of the railroads which pass through sections of the district. Among the establishments are locomotive works, car wheel works, and other iron manufacturing establishments, and cotton, woolen, and braid mills.

A large section of the ward was exclusively residential, containing large and commodious dwellings, situated on magnificent highways.

Another section was composed almost exclusively of old brick dwellings, principally occupied by the mechanical workers in the industrial establishments in the vicinity, where perhaps 20,000 of the population were employed when the mills were running at full capacity.

The girls' normal school and many fine churches, the Preston retreat, the Eastern penitentiary, and the House of Refuge were located in this ward.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 15 .....	20.08	78.78	22.33	79.67	13.85	26.96	20.18	109.93

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—				
	United States (white).	Ireland.	Germany.	England and Wales.	Scotland.

## VITAL STATISTICS.

## WARD 15—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	7.21	54.73
Ward 15 .....	91.46	118.15	61.19	288.71	9.76	62.50

During the 6-year period the average annual death rate in this ward was below the average, but was above it for the foreign born children under 5 years of age. For those 15 years of age and upward it was highest among the white born in the United States, being 17.64 as against 15.80 for those born in Germany, 15.28 for those born in Ireland. and 7.80 for those born in England and Wales.

Malarial fever, measles, cancer and tumor, and diseases of the liver caused more than the average proportion of deaths.

## WARD 16.

This ward contained 180 acres, 3,052 dwellings, and a total population of 17,087. There were 94.93 persons and 16.96 dwellings to each acre, with 5.60 persons to each dwelling.

It was largely an industrial district, containing tanneries, skin dressing and hat factories, stoneworks, and mills, covering an old section, with few modern dwellings, and populated by the working class, who were principally of German descent.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Native.			Foreign.			Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 16 .....	28.04	107.34	32.90	108.46	18.29	35.71	46.38	115.38

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 16 .....	51.60	23.18	7.94	23.37	2.36	19.22	9.80	11.47	5.56	5.21

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	7.21	54.73
Ward 16 .....	108.88	297.72	153.20	311.21	12.53	70.34

During the 6-year period the average annual death rate in this ward was much above the city average, being 28.16 as against an average of 21.86, but was especially high among the white children under 5 years of age. For

## WARD 17.

This ward contained 161 acres, 3,360 dwellings, and a total population of 19,546. Excluding 2 acres of cemeteries, there were 122.93 persons and 21.13 dwellings to each acre, with 5.82 persons to each dwelling.

This was an old section of the city, in which the principal industries were morocco factories, tanneries, and slaughterhouses, but which, with the sanitary improvement of the city, were gradually being removed from a territory so compactly built upon. As a rule the dwelling houses were old, of brick, with occasional frame houses. It had numerous small streets, alleys, and courts. The people generally were hard working Irish and Germans in medium circumstances.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.		Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 17.....	28.89	114.84	33.44	116.67	19.52	9.26	64.95	378.79

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 17.....	53.64	22.32	.....	29.26	3.14	16.27	.....	17.40	.....	11.18

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Diseases of the liver.
The city.....	98.30	156.11	69.35	297.87	164.17	27.58
Ward 17.....	128.70	227.96	120.29	355.83	193.48	50.47

During the 6-year period the average annual death rate in this ward was much above the city average, being 29.14 as against an average of 21.86. It was especially high among the colored. For those 15 years of age and upward it was highest among those born in Ireland, being 29.26 as against 22.32 for the white born in the United States and 16.27 for those born in Germany.

Malarial fever caused a higher death rate than in any other ward in the city, and the typhoid fever rate was greater than in any other ward except ward 16. In addition to these, diphtheria and croup, diarrheal diseases, consumption, pneumonia, measles, whooping cough, cancer and tumor, heart disease and dropsy, diseases of the liver, diseases of the nervous system, and diseases of the urinary organs caused more than the average proportion of deaths.

## WARD 18.

This ward contained 416 acres, 5,650 dwellings, and a total population of 29,164. Excluding 10 acres of cemeteries, there were 71.83 persons and 13.92 dwellings to each acre. There were 5.16 persons to each dwelling.

This was one of the oldest settlements in Philadelphia, formerly known as Kensington, covering an irregular piece of territory along the Delaware river. Perhaps in no other section had the descendants of the early settlers remained as dwellers in the old homesteads to such an extent. Many adhered to the more primitive methods of

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Native.			Foreign.			Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 18 .....	24.42	103.59	26.21	104.88	17.49	30.61	90.91	.....

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.64	14.70	3.35	10.65	1.61	4.89
Ward 18 .....	45.97	18.00	11.90	22.86	2.69	17.23	6.17	8.55	11.49	4.87

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Measles.
The city .....	98.30	156.11	69.35	297.87	7.21	10.67
Ward 18 .....	107.80	180.80	80.99	304.57	9.13	18.25

During the 6-year period the average annual death rate in this ward was above the city average. For those 15 years of age and upward it was highest for those born in Ireland, being 22.86 as against 18.00 for the white born in the United States, 17.23 for those born in Germany, and 8.55 for those born in England and Wales.

Typhoid fever, malarial fever, diphtheria and croup, diarrheal diseases, consumption, measles, whooping cough, heart disease and dropsy, and diseases of the nervous system caused more than the average proportion of deaths.

#### WARD 19.

This ward contained 447 acres, 10,174 dwellings, and a total population of 55,545. Excluding 8 acres of parks, there were 126.53 persons and 23.18 dwellings to each acre. There were 5.46 persons to each dwelling.

This was one of the largest manufacturing districts and the center of the carpet industry, containing carpet mills, woolen, cotton, worsted, knitting, and hosiery mills, dye works, morocco and kid factories, bolt, white lead, stove, brass, iron, and glass works, grain depot, railroad freight depot, and car shops, an extensive hat factory, furniture factories, coal yards, and many other industrial works. It was compactly built, and thousands of small dwellings of 2 and 3 stories were generally occupied by the wage workers. A number of the mills were extensive in proportions, with modern facilities for the benefit of the employed. About 60 per cent of the population of the district were employed when the mills were in full operation. Many of the small houses were owned by the occupants.

The Episcopal hospital, one of the finest in the city, was situated in the northeastern section of the ward; also 2 parks.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Native.			Foreign.			Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 19 .....	23.73	93.26	26.62	—	16.75	30.30	51.33	325.40

## WARD 19—Continued.

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 19 .....	45.22	17.13	8.84	20.81	4.80	17.60	7.05	12.86	1.81	9.62

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Childbirth and puerperal diseases.	Diseases of the nervous system.
The city .....	98.30	156.11	69.35	297.87	10.06	318.83
Ward 19 .....	122.69	180.01	103.05	310.44	17.39	390.30

During the 6-year period the average annual death rate in this ward was above the city average, especially so among the colored. For those 15 years of age and upward it was highest among those born in Ireland, being 20.81 as against 17.60 for those born in Germany, 17.13 for the white born in the United States, and 9.62 for those born in Scotland.

Typhoid fever, diphtheria and croup, diarrheal diseases, consumption, measles, whooping cough, childbirth and puerperal diseases, diseases of the liver, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 20.

This ward contained 469 acres, 8,016 dwellings, and a total population of 44,480. There were 94.84 persons and 17.09 dwellings to each acre, with 5.55 persons to each dwelling.

This was principally a residential section, compactly built upon, with dwellings well constructed and generally large and roomy. Considerable retail merchandise traffic was done in principal thoroughfares extending through the ward from east to west. A railroad passed through the ward from north to south, along the line of which a large coal trade was transacted. The industrial establishments included iron, scale, and marble works, hosiery mills, and breweries, of which latter there were 5.

There were 17 churches, 8 public schools, and a Roman Catholic parochial school in the ward. The residents of this section were generally in good circumstances.

The death rates in this ward, compared with the average rates for the city, were as follows :

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Native.			Foreign.			Total.	Under 5 years.
	Total.	Under 5 years.		Total.	Under 5 years.			
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 20 .....	20.77	79.61	21.99	80.10	16.41	18.52	18.64	76.92

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—				
	United States (white).	Ireland.	Germany.	England and Wales.	Other foreign countries.

## VITAL STATISTICS.

## WARD 20—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	26.18	54.73
Ward 20 .....	91.47	134.56	89.96	303.14	28.35	65.01

During the 6-year period the average annual death rate in this ward was somewhat below the city average, but was above it for the foreign born. For those 15 years of age and upward it was highest among those born in Ireland, being 23.13 as against 17.11 for the white born in the United States and 14.48 for those born in Germany.

Scarlet fever, typhoid fever, consumption, cancer and tumor, and diseases of the liver caused more than the average proportion of deaths.

## WARD 21.

This ward contained 4,563 acres, 5,027 dwellings, and a total population of 26,900. Excluding 389 acres of parks and cemeteries, there were 6.44 persons and 1.20 dwellings to each acre. There were 5.35 persons to each dwelling.

The territory was to a large extent rural, with the exception of the district known as Manayunk. This suburb, situated on the banks of the Schuylkill river, was the center of the cotton industry of Philadelphia. Along the banks of the river and scattered through this immediate section were found about 40 large cotton and yarn mills, 2 extensive wood paper pulp works, dye works, and other industrial establishments. Leaving the river, which is paralleled by the main street, the buildings are upon a rocky bluff, the stone from which was utilized in the construction of various industrial works and dwelling houses. On the summit was the suburb of Roxboro, built along the line of Ridge avenue, once a turnpike, from the center of the city.

Almost the entire population of this built up section of the ward obtained a livelihood from employment in the mills. The inhabitants were of German, English, and Irish extraction, thrifty and industrious. The unimproved area was devoted to farming generally, although a number of handsome residences were scattered through the ward. The great intercepting sewer, into which sewage was discharged to prevent pollution of the drinking water of the city, had its starting point at Flat Rock dam, immediately northwest of Manayunk.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.		Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 21 .....	19.45	64.50	22.05	65.82	12.50	7.94	56.78	2,333.33

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 21 .....	32.50	16.68	4.98	16.14	2.85	11.72	2.60	11.70	.....	8.69

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Cancer and tumor.



During the 6-year period the average annual death rate in this ward was below the city average, but was much above it for the colored, the mean population of which, however, was only 91 in all, with but 1 under 5 years of age. For those 15 years of age and upward the death rate was the highest among the white born in the United States, being 16.68 as against 16.14 for those born in Ireland and 11.72 for those born in Germany.

Scarlet fever, diphtheria and croup, diarrheal diseases, and childbirth and puerperal diseases caused more than the average proportion of deaths.

## WARD 22.

This ward contained 12,738 acres, 8,398 dwellings, and a total population of 45,329. Excluding 412 acres of parks and cemeteries, there were 3.68 persons and 0.68 dwelling to each acre. There were 5.40 persons to each dwelling.

It was situated on the high lands in the northern section of the city, and before the consolidation with the city was known as Germantown, being originally settled by Germans, although more recently peopled by Quakers, a number of whose dwellings, of plain and substantial architecture, remain.

The ward, by reason of its beautiful location, became the home of many of the wealthy residents of the city. Magnificent and palatial dwellings with open lawns abounded. It was largely rural, but rapidly improving.

Formerly a manufacturing district, the march of improvement, together with the abandonment of small streams from which water power was originally obtained, caused the transfer of such interests to other sections of the city. Among the buildings of note were the Columbarium, St. Joseph's Catholic seminary, Home of the Little Sisters of the Poor for Aged People, Jewish hospital, Germantown hospital, St. Joseph's asylum, and the poor house.

The Soldiers' national cemetery is located in this ward.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 22 .....	17.77	60.71	19.39	61.54	12.89	6.17	15.91	71.43

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 22 .....	27.75	16.50	1.57	12.17	3.09	21.85	0.72	12.73	5.38	11.44

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	164.17	54.73
Ward 22 .....	67.88	123.50	67.88	241.27	110.00	60.11

During the 6-year period the average annual death rate in this ward was decidedly below the city average, being 17.69 as against an average of 21.86. It was especially low for the colored population, being only about

## VITAL STATISTICS.

## WARD 23.

This ward contained 27,339 acres, 6,969 dwellings, and a total population of 35,294. Excluding 258 acres of parks and cemeteries, there were 1.30 persons and 0.26 dwelling to each acre. There were 5.06 persons to each dwelling.

This was the largest ward in the city, and included 18 recent towns, villages, and hamlets, now all within the limits and authority of the municipal government. Frankford, located on Frankford creek, contained about one-half the population. The dwellings were well built, except as to modern improvements, with surroundings open and free. A large manufacturing interest was centered in this section of the city, the people generally having employment in the various industrial establishments. At Tacony, the second largest of the towns, situated on the Delaware river, were located extensive saw and tool works, employing a large number of hands; further south a rope and cordage works was found. In the northeastern part of the ward, along the banks of the Delaware and vicinity, were located some of the finest rural dwellings in the city. The buildings in the smaller settlements were principally frame and stone structures. The land was rolling, a large section being devoted to farming. The house of correction was in this ward, about 10 miles north of the city. It also contained a large number of cemeteries, including some of the most extensive in the city, and the Friends' asylum for the insane.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 23.....	18.50	62.64	19.83	63.17	13.10	26.52	18.67	87.50

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 23.....	28.58	16.09	9.80	14.14	4.33	13.53	5.41	14.67	.....	11.40

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Malarial fever.	Cancer and tumor.
The city.....	98.30	156.11	69.85	297.87	7.21	54.73
Ward 23.....	98.13	157.22	92.48	219.39	9.25	34.42

During the 6-year period the average annual death rate in this ward was below the city average, especially for the colored, but was above it for the foreign born children under 5 years of age. For those 15 years of age and upward it was highest among the white born in the United States, being 16.09 as against 14.67 for those born in England and Wales, 14.14 for those born in Ireland, and 13.53 for those born in Germany.

Typhoid fever, malarial fever, and diarrheal diseases caused more than the average proportion of deaths.

## WARD 24.

This ward contained 6,224 acres, 12,054 dwellings, and a total population of 66,277. Excluding 1,513 acres of parks and cemeteries, there were 14.07 persons and 2.56 dwellings to each acre. There were 5.50 persons to each dwelling.

This was largely a residential section, located on high and rolling ground on the west bank of the Schuylkill

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
			Native.		Foreign.		Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 24 .....	17.95	63.12	19.10	63.84	13.23	2.45	35.11	157.21

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 24 .....	29.94	14.55	5.21	15.05	2.73	13.44	0.74	12.34	.....	7.46

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	164.17	54.73
Ward 24 .....	90.59	123.96	49.92	269.24	142.19	41.79

During the 6-year period the average annual death rate in this ward was below the city average, but was above it for the colored population. For those 15 years of age and upward it was highest among those born in Ireland, being 15.05 as against 14.55 for the white born in the United States, 13.44 for those born in Germany, and 7.46 for those born in Scotland.

There was no marked predominance in the death rate from any particular form of disease in this ward.

#### WARD 25.

This ward contained 2,641 acres, 6,851 dwellings, and a total population of 35,945. Excluding 146 acres of cemeteries, there were 14.41 persons and 2.75 dwellings to each acre. There were 5.25 persons to each dwelling.

This was a semirural section, situated in the northeastern part of the city, having a mixed population, principally German and Irish. Among the industries are the extensive coal shipping wharves, city gas works, chemical works, and a large manufacturing concern. Several railroads ran through this section of the city. The people were rugged, healthy, and industrious, and generally engaged in mechanical pursuits.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
			Native.		Foreign.		Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 25 .....	24.29	88.86	27.22	82.12	14.70	14.60	29.52	118.28

## WARD 26—Continued.

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 26 .....	35.20	13.92	5.77	18.07	1.57	13.62	3.65	7.43	4.81	8.68

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Whooping cough.
The city .....	98.30	156.11	69.35	297.87	26.18	11.39
Ward 26 .....	104.07	158.81	50.60	238.37	38.51	14.66

During the 6-year period the average annual death rate in this ward was below the city average, and especially so for the colored population. For those 15 years of age and upward it was highest among those born in Ireland, being 18.07 as against 13.92 for the white born in the United States, 13.62 for those born in Germany, 8.68 for those born in Scotland, and 7.43 for those born in England and Wales.

Scarlet fever, diphtheria and croup, diarrheal diseases, measles, and whooping cough caused more than the average proportion of deaths.

## WARD 27.

This ward contained 7,475 acres, 5,222 dwellings, and a total population of 32,905. Excluding 173 acres of cemeteries, there were 4.51 persons and 0.72 dwelling to each acre. There were 6.30 persons to each dwelling.

It was located in the western part of the city, on the west bank of the Schuylkill river, to the south of Market street, which divided it from ward 24. Much of the land in the southern part and along the river was low, and to some extent devoted to light farming. Improvements were being rapidly made, and many fine residences were found.

The University of Pennsylvania, the Presbyterian home, the Blockley almshouse, and several large cemeteries were found in this ward, which was traversed by several railroads.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.		Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 27 .....	31.91	139.28	36.01	141.40	19.36	12.50	39.86	179.95

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 27 .....	35.20	13.92	5.77	18.07	1.57	13.62	3.65	7.43	4.81	8.68

## VITAL STATISTICS.

## WARD 27—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Cancer and tumor.	Diseases of the urinary organs.
The city.....	98.30	156.11	69.35	297.87	54.73	74.90
Ward 27.....	73.00	217.31	56.15	504.81	91.53	167.33

During the 6-year period the average annual death rate in this ward was higher than in any other ward in the city, being 32.44 as against an average of 21.86. It was below the average, however, for the foreign born children under 5 years of age. For those 15 years of age and upward it was highest among the white born in the United States, being 23.44 as against 21.28 for those born in Ireland, 15.58 for those born in Germany, and 8.47 for those born in Scotland.

The death rates from diseases of the urinary organs, consumption, and cancer and tumor were higher than in any other ward in the city. Diarrheal diseases, pneumonia, whooping cough, heart disease and dropsy, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 28.

This ward contained 3,542 acres, 9,010 dwellings, and a total population of 46,390. Excluding 368 acres of parks and cemeteries, there were 14.62 persons and 2.84 dwellings to each acre. There were 5.15 persons to each dwelling.

It was located in the northwestern part of the city. This section was largely unimproved until late years, within which it had greatly developed and contained thousands of neat and handsome dwellings, with fine, well paved streets, the residents being generally merchants, clerks, and mechanics.

The northern part of the ward had considerable manufacturing interests along the several railroads, among which were woolen, carpet, and tapestry mills, ironworks, oilcloth and pipe works. The ward also included several large cemeteries.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city.....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 28.....	15.56	52.53	17.19	53.10	10.46	15.63	15.96	90.58

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city.....	38.83	17.57	5.62	19.43	3.61	14.70	2.35	10.65	2.74	9.30
Ward 28.....	27.17	12.71	8.23	13.56	3.03	12.12	4.63	7.62	.....	9.47

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Pneumonia.

During the 6-year period the average annual death rate in this ward was much below the city average, being 15.57 as against an average of 21.86, but it was above the average for the foreign born children under 5 years of age. For those 15 years of age and upward it was highest among those born in Ireland, being 13.56 as against 12.71 for the white born in the United States, 12.12 for those born in Germany, 9.47 for those born in Scotland, and 7.62 for those born in England and Wales.

Scarlet fever caused more than the average proportion of deaths.

#### WARD 29.

This ward contained 896 acres, 9,850 dwellings, and a total population of 54,759. Excluding 268 acres of parks, there were 87.20 persons and 15.68 dwellings to each acre. There were 5.56 persons to each dwelling.

It was compactly built upon and largely a residential section, with substantial and well built dwellings of brick and stone.

In the western part of this ward was centered almost the entire beer brewing industry of Philadelphia, thousands of persons, all Germans, who were mostly residents of the ward, being employed in these immense establishments.

Girard college for orphans, the Drexel home for old ladies, the German hospital, and the Foster home for children were located in this ward.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Native.			Foreign.			Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 29.....	20.19	72.98	20.99	73.37	17.16	24.51	19.09	111.11

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	1.61	4.89
Ward 29.....	32.66	16.75	4.44	24.63	2.53	13.36	7.94	11.29	.....	14.06

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	164.17	54.73
Ward 29.....	78.80	136.99	79.13	293.26	171.23	58.19

During the 6-year period the average annual death rate in this ward was somewhat below the city average, especially for the colored population, but was above it for the foreign born. For those 15 years of age and upward it was above the average for those born in Ireland and in England and Wales and below it for the white born in the United States and for those born in Germany.

Typhoid fever, pneumonia, and cancer and tumor caused more than the average proportion of deaths.

#### WARD 30.

This ward contained 332 acres, 5,517 dwellings, and a total population of 30,614. There were 92.21 persons and 16.62 dwellings to each acre, with 5.55 persons to each dwelling.

## VITAL STATISTICS.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
			Native.		Foreign.		Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 30 .....	22.12	80.75	23.21	81.81	19.54	15.87	21.74	109.31

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scandinavia.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	3.49	4.08
Ward 30 .....	35.95	17.34	7.06	22.80	.....	16.95	2.11	12.48	.....	2.62

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Childbirth and puerperal diseases.
The city .....	98.30	156.11	69.35	297.67	26.18	10.06
Ward 30 .....	92.31	146.48	53.62	349.35	34.27	13.82

During the 6-year period the average annual death rate in this ward was about the same as the average for the city, but was below it for the colored and above it for the foreign born. For those 15 years of age and upward the death rate was above the average for those born in Ireland, in Germany, and in England and Wales and was slightly below the average for the white born in the United States.

Scarlet fever, malarial fever, consumption, pneumonia, cancer and tumor, heart disease and dropsy, childbirth and puerperal diseases, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 31.

This ward contained 456 acres, 6,380 dwellings, and a total population of 32,974. There were 72.31 persons and 13.99 dwellings to each acre, with 5.17 persons to each dwelling.

It was situated in the northeastern section of the city, and was an extensive manufacturing district; the principal industries were carpet, worsted, shoddy, woolen and hosiery mills, dye works, glass works, whiting works, paint mills, mill machinery and other ironworks. The district was compactly built upon; the residents were principally employed in the factories and other establishments.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
			Native.		Foreign.		Total.	Under 5 years.
	Total.	Under 5 years.	Total.	Under 5 years.	Total.	Under 5 years.		

## WARD 31—Continued.

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 31 .....	39.34	16.33	1.38	19.67	5.38	15.89	4.76	11.75	4.02	9.59

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Scarlet fever.	Whooping cough.
The city .....	98.30	156.11	69.35	297.87	26.18	11.39
Ward 31 .....	100.62	123.72	89.84	284.92	31.32	14.37

During the 6-year period the average annual death rate in this ward was very slightly below the city average, but was above it for the foreign born and the colored population and for the children under 5 years of age. For those 15 years of age and upward it was above the average for those born in Ireland in Germany, in England and Wales, and in Scotland, but below it for the white born in the United States.

Scarlet fever, typhoid fever, diphtheria and croup, measles, whooping cough, and diseases of the nervous system caused more than the average proportion of deaths.

## WARD 32.

This ward contained 518 acres, 5,968 dwellings, and a total population of 30,050. Excluding 265 acres of parks and cemeteries, there were 118.77 persons and 23.59 dwellings to each acre. There were 5.04 persons to each dwelling.

This was exclusively a district of private residences, largely of modern construction, with good streets, the population being of the better class of merchants, clerks, etc. Two large reservoirs for the storage of the water supply of the city were in this ward, also the Masonic home, the Odd Fellows' home and orphanage, the municipal hospital for contagious diseases, and several large cemeteries.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 32 .....	14.61	57.50	15.10	57.63	11.42	23.81	13.66	250.00

AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Other foreign countries.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 32 .....	39.34	16.33	1.38	19.67	5.38	15.89	4.76	11.75	4.02	9.59



## VITAL STATISTICS.

## WARD 32—Continued.

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	164.17	54.73
Ward 32 .....	63.40	80.31	66.22	192.32	92.99	47.90

During the 6-year period the average annual death rate in this ward was much below the city average, being 14.60 as against an average of 21.86. It was, however, above the average for the foreign born and colored under 5 years of age. For those 15 years of age and upward it was highest among those born in Ireland, being 12.76 as against 12.65 for those born in England and Wales, 12.19 for the white born in the United States, and 10.53 for those born in Germany. No special cause of death was predominant.

## WARD 33.

This ward contained 2,844 acres, 6,347 dwellings, and a total population of 33,171. Excluding 131 acres of parks and cemeteries, there were 12.23 persons and 2.34 dwellings to each acre. There were 5.23 persons to each dwelling.

The ward was largely rural, rapidly improving along the lines of railroads, several of which passed through this section of the city, offering facilities for manufacturing. Of the industries in this ward the more prominent were the carpet mills, dye works, textile machinery, farming implements, oilcloth, and brick machine manufactories. The North Philadelphia stock yards were situated in this district.

The houses were comparatively new, substantially built, small 2 and 3 story dwellings of brick; the residents were generally employed in the numerous workshops and railroads.

The death rates in this ward, compared with the average rates for the city, were as follows:

AREAS.	DEATH RATES PER 1,000 POPULATION.							
	White.						Colored.	
	Total.	Under 5 years.	Native.		Foreign.		Total.	Under 5 years.
			Total.	Under 5 years.	Total.	Under 5 years.		
The city .....	21.54	80.66	24.05	82.12	14.70	14.60	29.52	149.22
Ward 33 .....	13.07	46.13	16.19	47.12	6.93	5.75	18.63	71.43

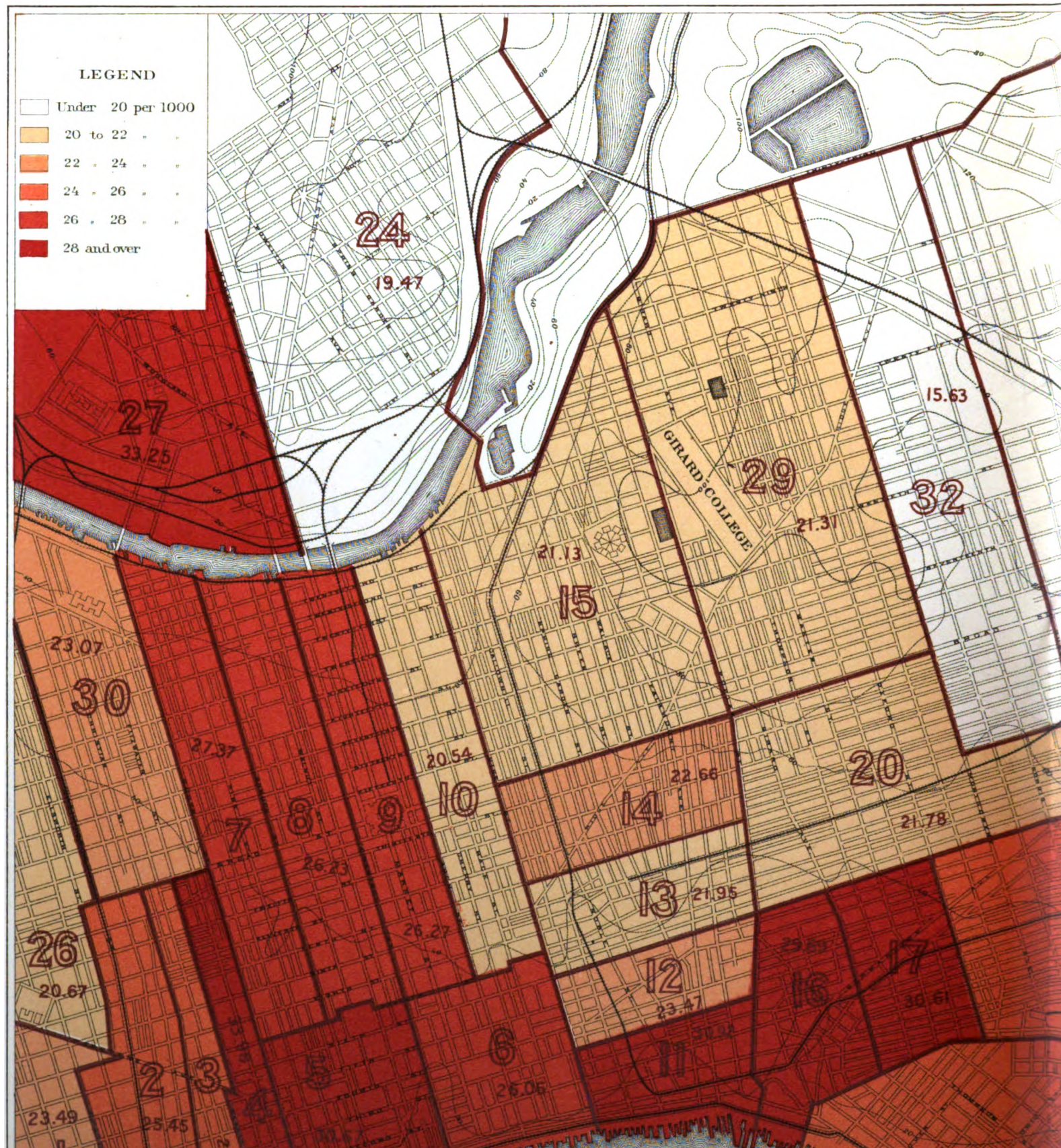
AREAS.	DEATH RATES PER 1,000 POPULATION BORN IN—									
	United States (white).		Ireland.		Germany.		England and Wales.		Scotland.	
	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.	Under 15 years.	15 years and over.
The city .....	38.83	17.57	5.62	19.43	3.61	14.70	3.35	10.65	2.74	9.30
Ward 33 .....	25.12	10.75	1.85	11.96	0.89	7.50	1.89	4.21	.....	5.73

AREAS.	DEATH RATES PER 100,000 POPULATION DUE TO—					
	Diphtheria and croup.	Diarrheal diseases.	Typhoid fever.	Consumption.	Pneumonia.	Cancer and tumor.
The city .....	98.30	156.11	69.35	297.87	164.17	54.73
Ward 33 .....	81.20	101.34	50.06	143.47	114.77	19.54

During the 6-year period the average annual death rate in this ward was lower than in any other in the city, being 13.11 as against an average of 21.86. For those 15 years of age and upward it was 11.96 for those born in Ireland, 10.75 for the white born in the United States, 7.50 for those born in Germany, and 4.21 for those born in England and Wales.







MAP  
OF THE  
CITY OF PHILADELPHIA, PENN.,  
SHOWING  
RELATIVE DEATH RATES  
OF THE  
AGGREGATE POPULATION  
in different wards  
DURING THE SIX YEARS  
ENDING MAY 31<sup>ST</sup>  
1890

28

16.50

33

14.11

22

18.64

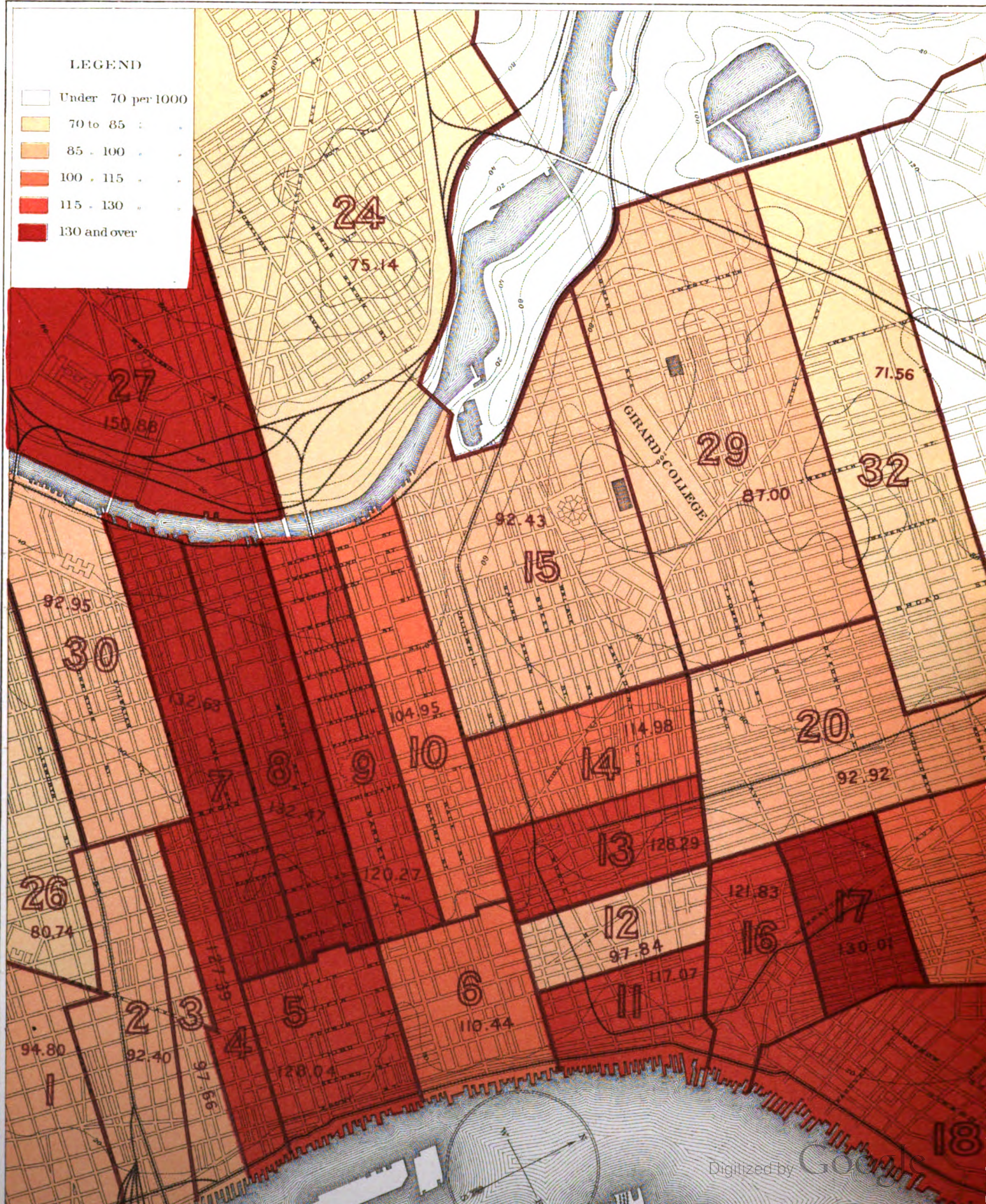
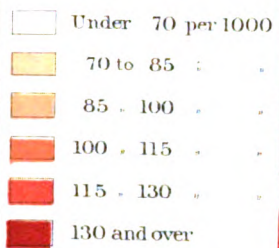
19

31

22.11

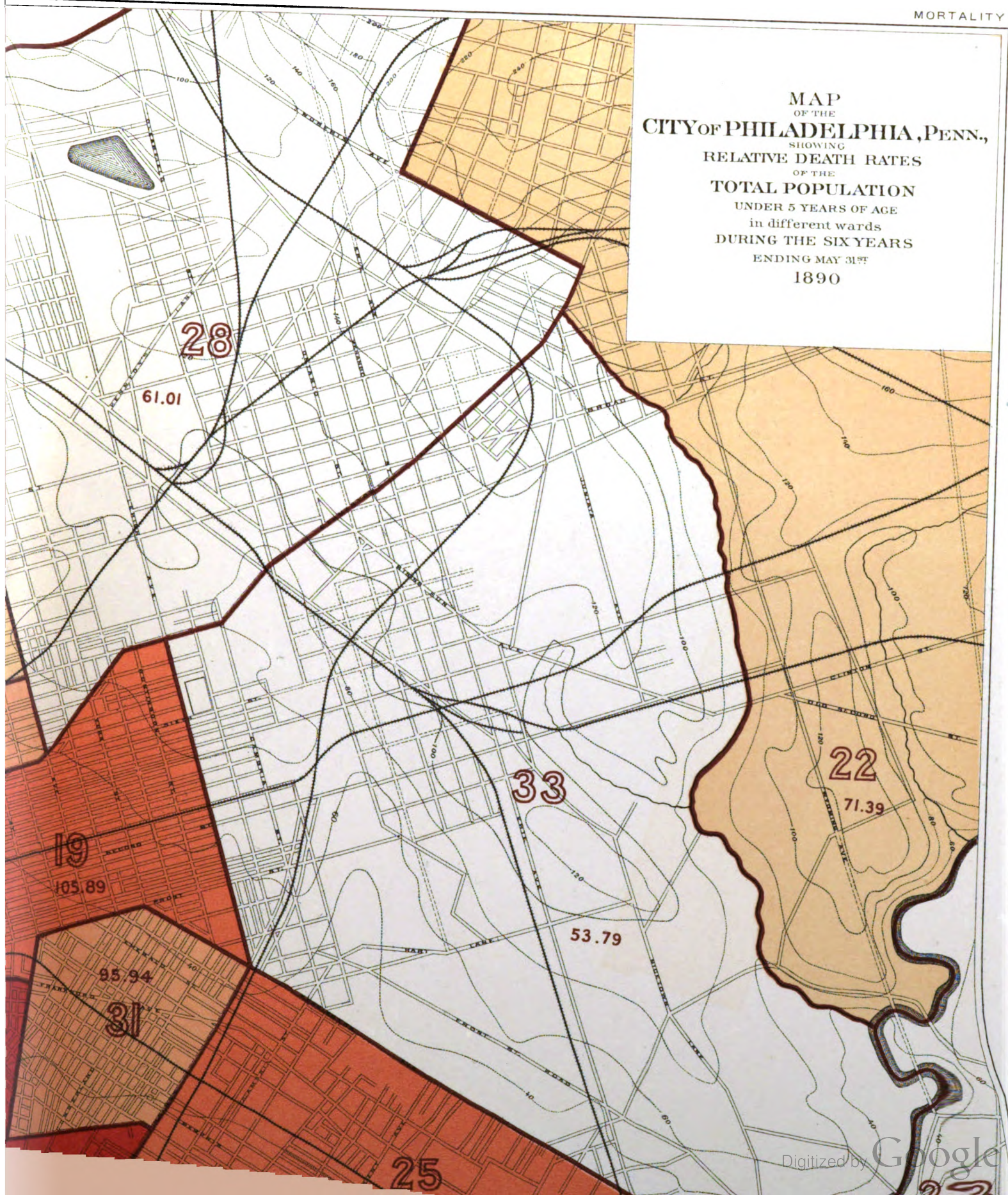


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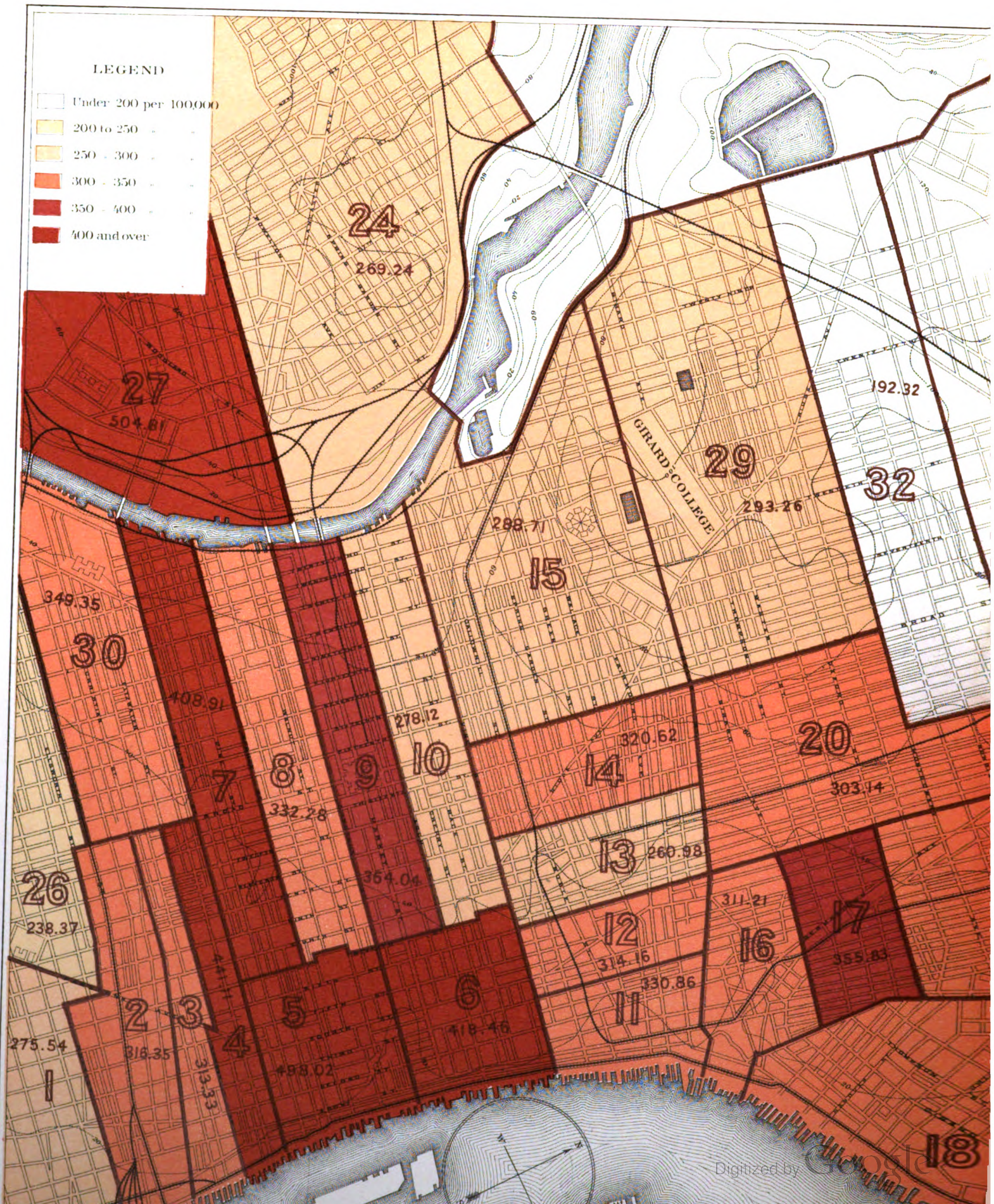
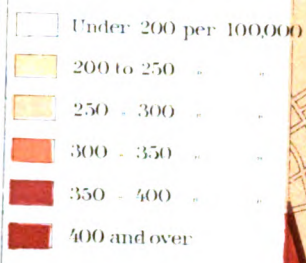


MAP  
OF THE  
CITY OF PHILADELPHIA, PENN.,  
SHOWING  
RELATIVE DEATH RATES  
OF THE  
TOTAL POPULATION  
UNDER 5 YEARS OF AGE  
in different wards  
DURING THE SIX YEARS  
ENDING MAY 31<sup>ST</sup>  
1890



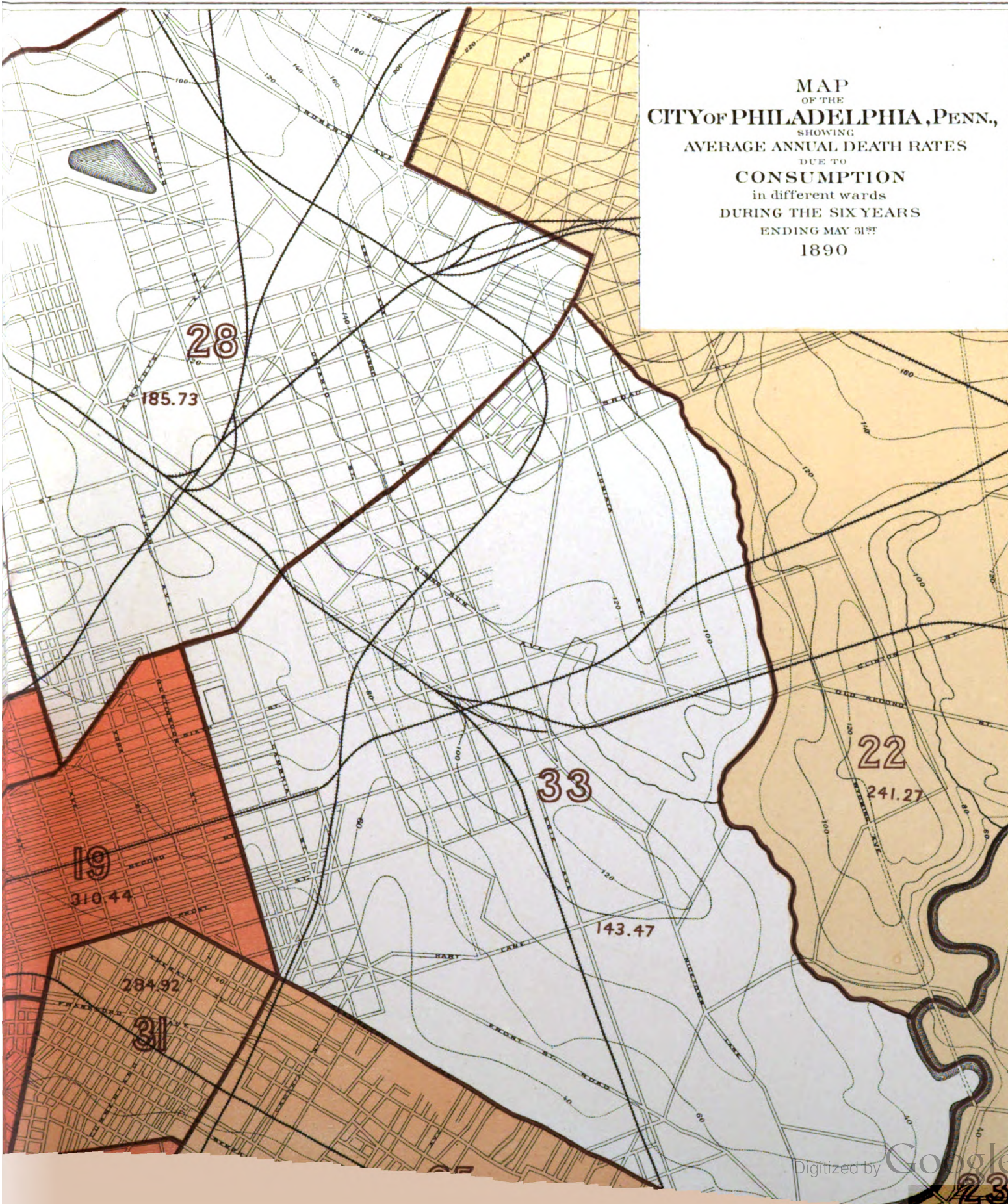


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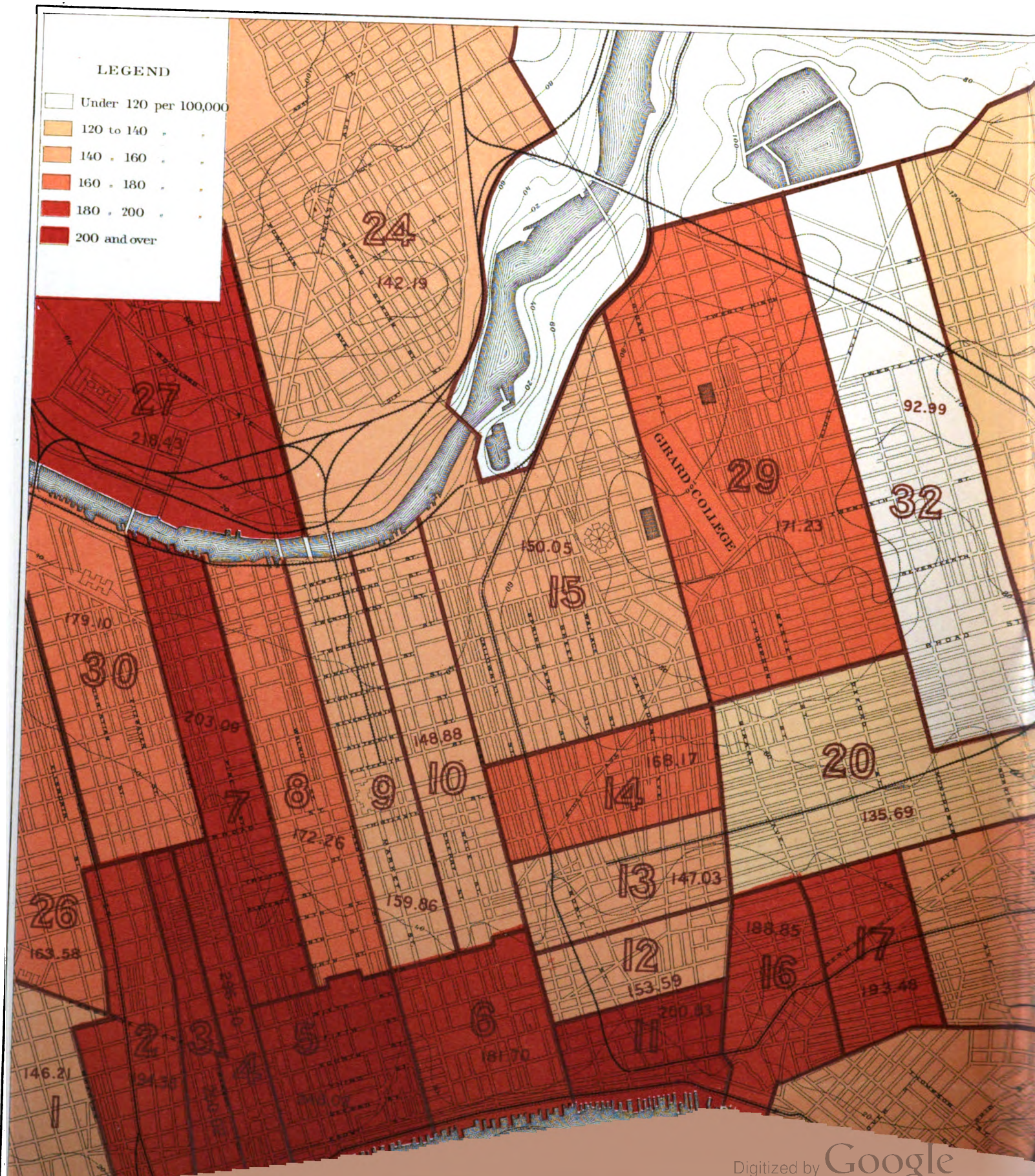
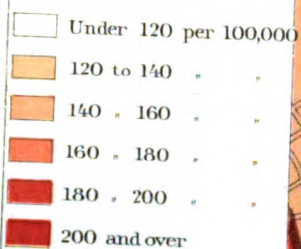


MAP  
OF THE  
CITY OF PHILADELPHIA, PENN.,  
SHOWING  
AVERAGE ANNUAL DEATH RATES  
DUE TO  
CONSUMPTION  
in different wards  
DURING THE SIX YEARS  
ENDING MAY 31<sup>ST</sup>  
1890



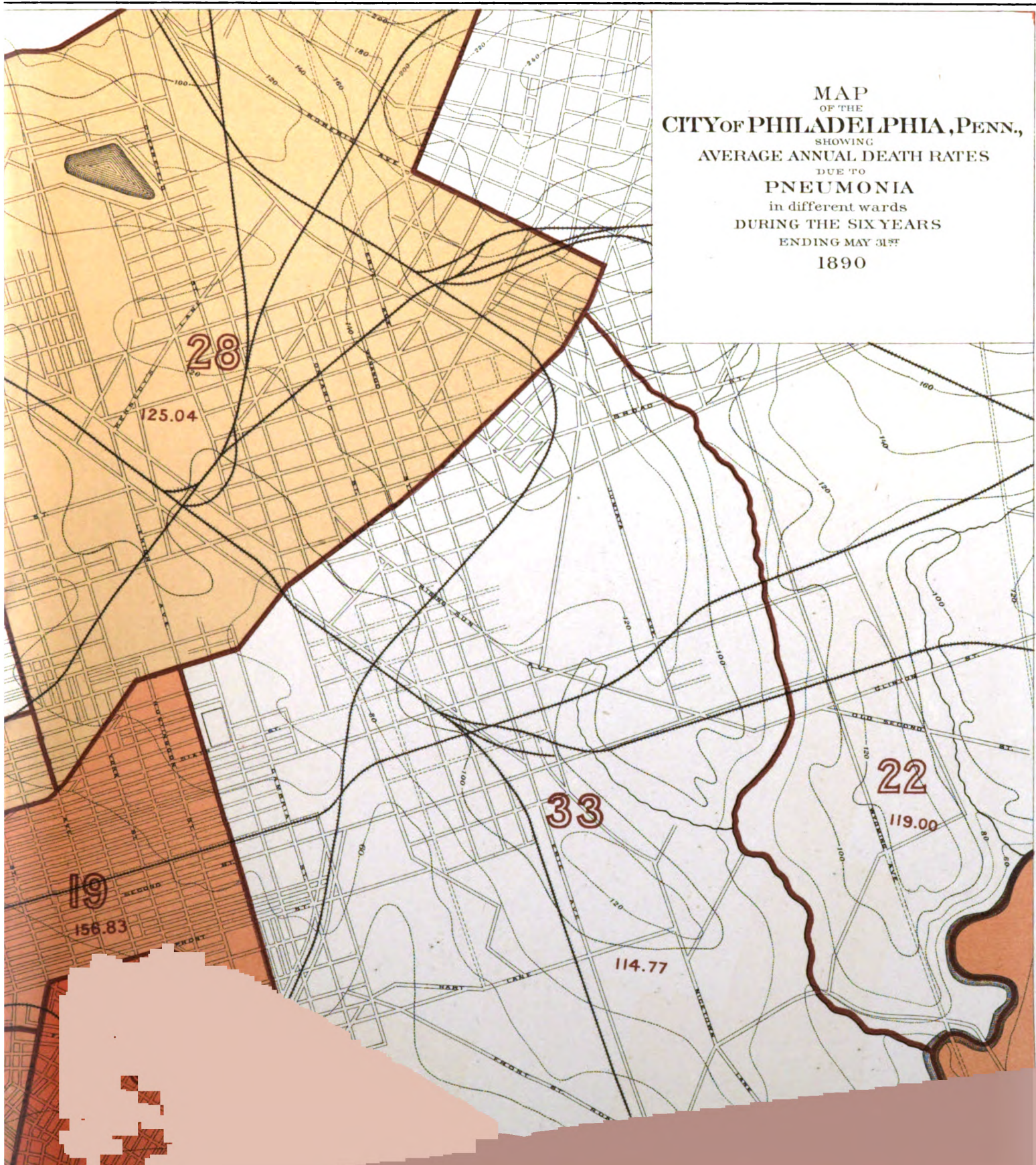


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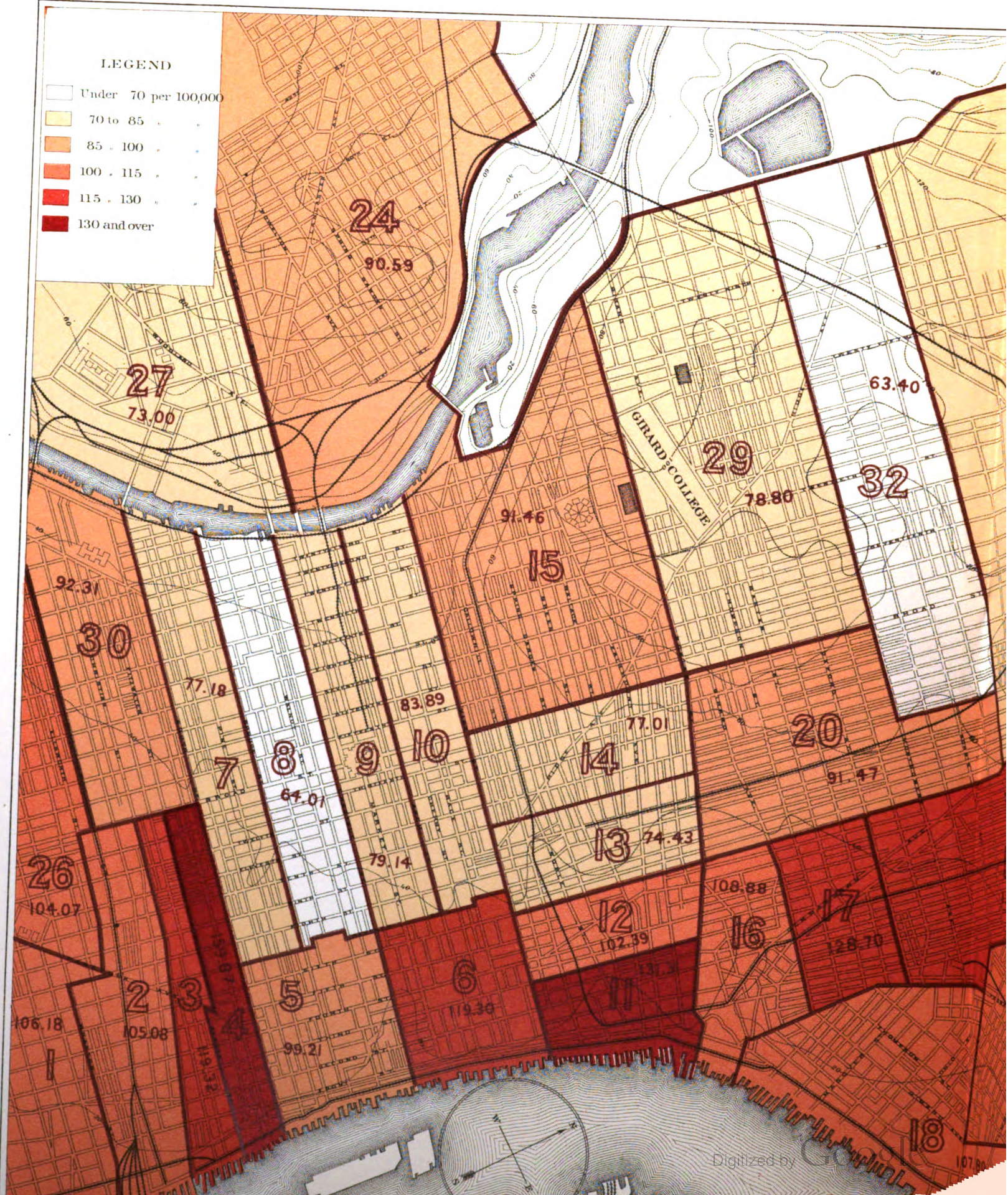
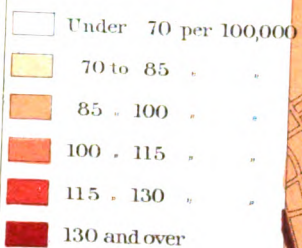


MAP  
OF THE  
CITY OF PHILADELPHIA, PENN.,  
SHOWING  
AVERAGE ANNUAL DEATH RATES  
DUE TO  
PNEUMONIA  
in different wards  
DURING THE SIX YEARS  
ENDING MAY 31<sup>ST</sup>  
1890



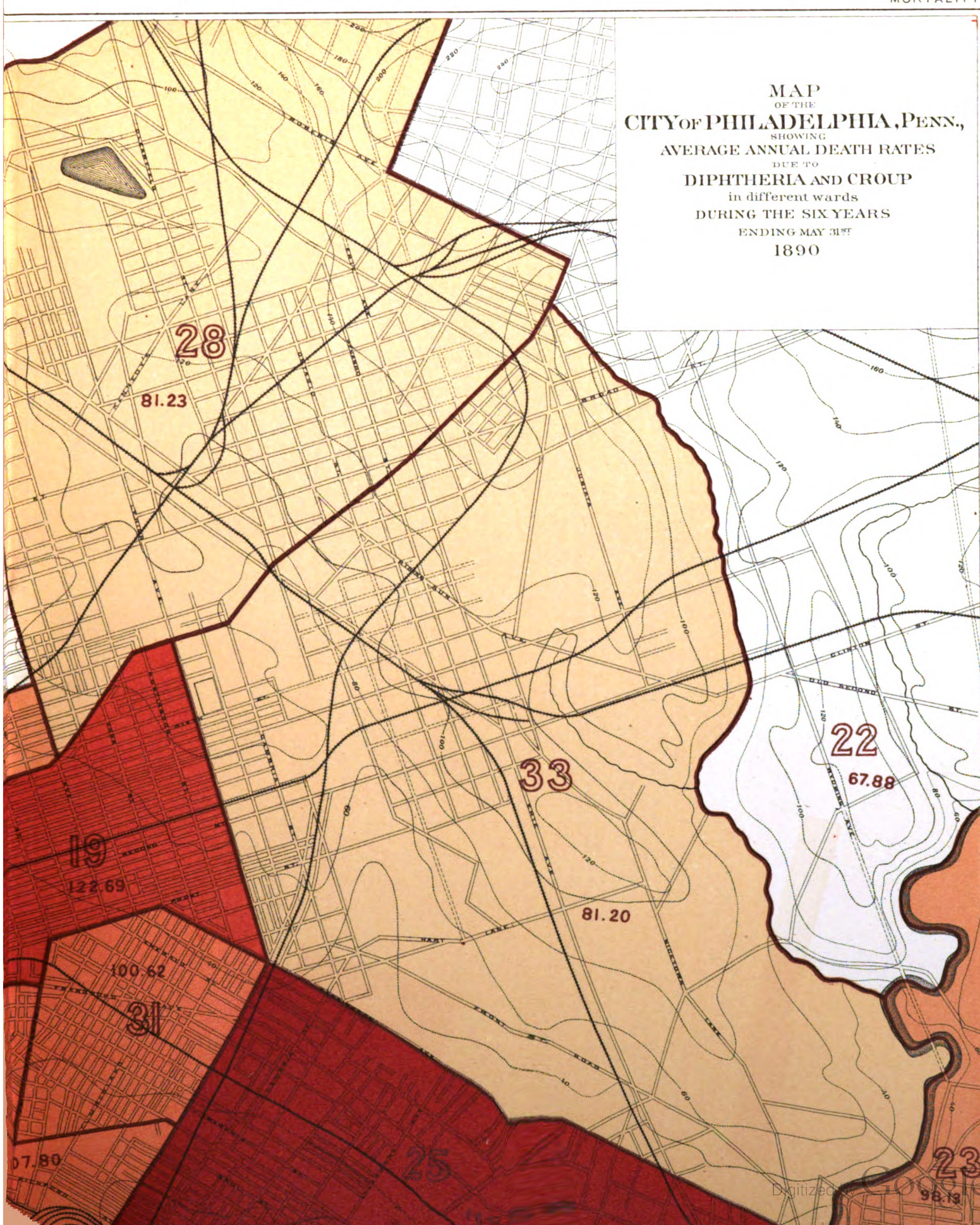


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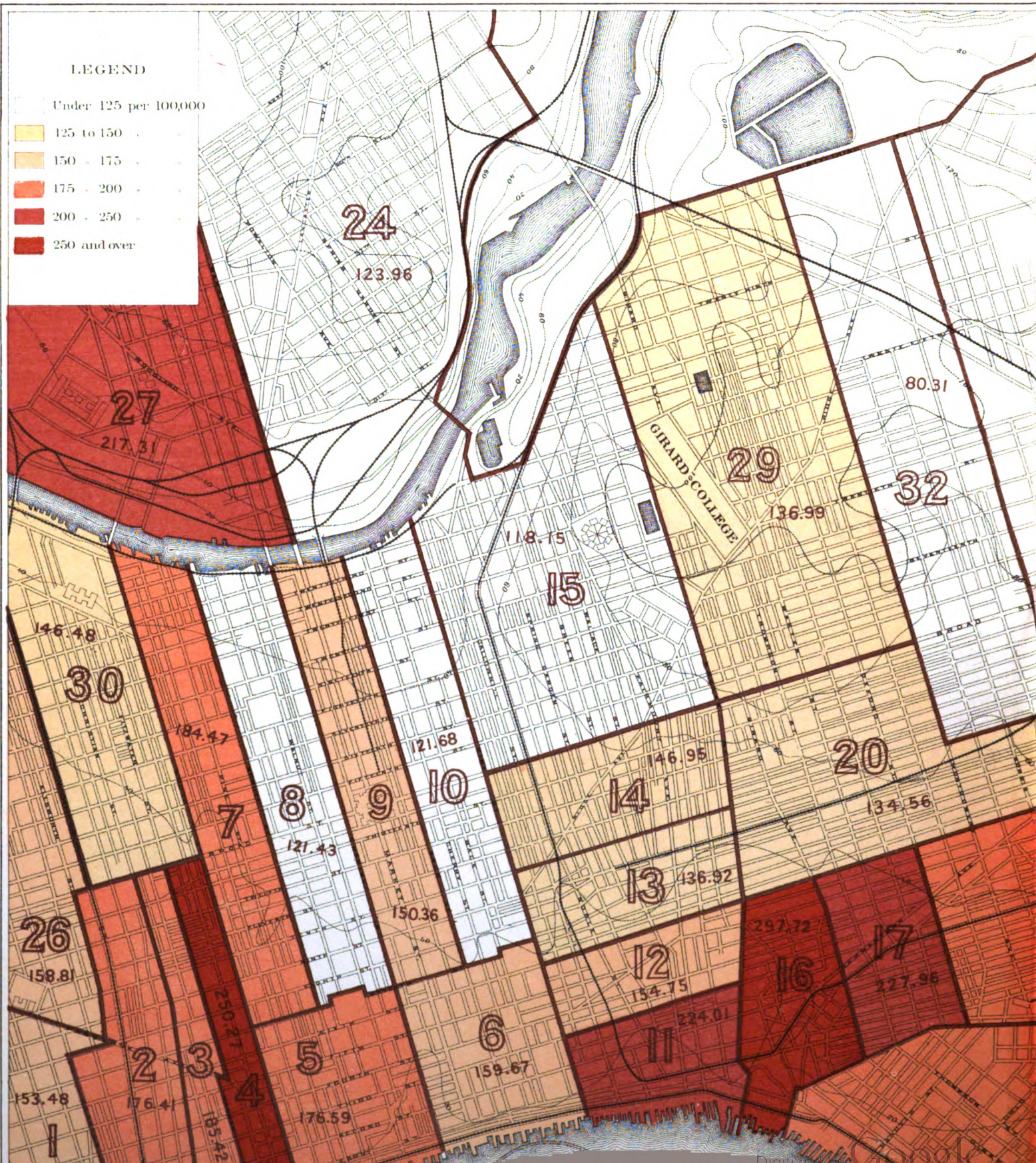
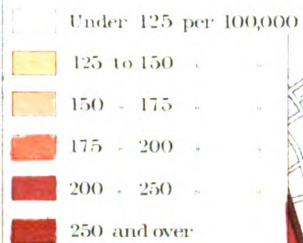


MAP  
OF THE  
CITY OF PHILADELPHIA, PENN.,  
SHOWING  
AVERAGE ANNUAL DEATH RATES  
DUE TO  
DIPHTHERIA AND CROUP  
in different wards  
DURING THE SIX YEARS  
ENDING MAY 31<sup>ST</sup>  
1890





LEGEND





MAP  
OF THE  
CITY OF PHILADELPHIA, PENN.,  
SHOWING  
AVERAGE ANNUAL DEATH RATES  
DUE TO  
DIARRHEAL DISEASES  
DURING THE SIX YEARS  
ENDING MAY 31<sup>ST</sup>  
1890







MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, BIRTHPLACES OF MOTHERS.

CAUSE OF DEATH.																					
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.	
60,021	639	981	44	2,427	703	5,387	9,717	5,566	292	490	1,849	3,780	375	589	6,127	2,133	1,106	725	16,855	236	1
30,248	308	551	24	1,178	358	2,679	4,797	2,940	149	213	520	1,812	297	3,134	1,245	381	414	9,126	122	2	
29,773	331	430	20	1,249	345	2,708	4,920	2,626	143	277	1,329	1,968	375	2,993	888	725	311	7,729	114	3	
58,431	634	947	41	2,407	696	5,277	9,337	5,398	289	464	1,826	3,668	367	586	6,003	2,070	1,094	706	16,388	227	4
39,130	583	465	24	2,206	662	4,629	5,054	3,153	264	456	862	1,905	165	282	4,263	1,086	413	706	11,812	135	5
7,288	93	97	11	340	79	583	659	627	29	58	144	581	78	1,035	391	112	126	2,218	27	6	
7,018	86	75	4	328	82	567	714	612	21	64	466	476	71	67	899	215	182	80	1,985	24	7
11,727	187	156	3	706	249	1,644	1,761	956	102	140	40	321	58	1,088	202	9	260	3,804	41	8	
10,541	214	120	5	804	249	1,504	1,711	756	102	192	116	316	88	43	939	164	16	198	2,973	31	9
8,816	23	272	8	90	20	224	2,044	1,139	10	3	304	721	142	750	531	225	225	2,248	44	10	
10,029	28	208	9	97	13	358	2,215	1,083	11	5	655	1,018	201	161	932	452	451	2,093	39	11	
1,590	5	34	3	20	7	110	380	168	3	26	23	112	8	3	124	57	12	19	467	9	12
9,653	128	121	13	459	118	918	918	821	45	86	161	679	88	1,282	446	118	166	3,056	33	13	
9,316	114	108	7	472	117	886	959	793	32	103	508	561	80	76	1,135	250	206	117	2,754	38	14
1,076	16	25	2	37	22	113	140	101	5	5	14	59	21	129	44	13	15	311	4	15	
1,073	14	17	1	54	23	98	154	107	10	8	57	70	13	10	102	39	31	253	3	16	
12,034	100	255	6	366	114	864	2,724	1,344	42	67	206	689	130	985	471	182	122	3,335	52	17	
12,092	124	195	7	391	118	954	2,825	1,177	48	96	496	974	180	146	1,082	440	361	90	2,938	50	18
467	5	12	1	18	4	35	90	42	3	2	12	25	3	48	15	8	7	136	1	19	
435	4	7	.....	17	2	29	78	33	3	3	32	33	14	4	38	16	8	4	109	1	20
84	2	.....	.....	3	.....	13	13	8	.....	.....	2	6	.....	2	8	4	2	2	21	.....	21
56	.....	.....	.....	.....	1	5	8	8	1	.....	7	3	1	.....	3	1	2	16	.....	22	
1,004	8	19	1	54	8	117	177	94	8	11	46	68	12	122	62	15	10	258	4	23	
889	9	15	.....	49	11	130	115	59	2	13	42	69	14	10	97	26	9	203	2	24	
281	4	4	.....	24	7	38	20	20	1	1	2	9	.....	26	2	.....	12	108	3	25	
266	6	3	.....	33	6	46	11	21	9	3	3	6	5	1	25	3	4	79	2	26	
2,492	28	56	.....	147	49	323	331	195	21	29	22	72	11	224	52	2	46	876	8	27	
2,675	41	49	4	179	46	298	495	217	18	36	71	98	46	13	266	44	12	701	4	28	
312	5	9	.....	15	8	48	38	27	3	2	3	11	.....	20	9	.....	9	103	2	29	
241	8	6	.....	13	5	43	38	21	.....	5	7	5	2	1	15	6	2	59	1	30	
426	7	10	.....	20	14	36	31	69	16	6	6	9	.....	47	10	.....	7	136	.....	31	
360	6	3	.....	18	9	38	30	40	16	5	6	7	7	5	34	3	1	117	.....	32	
471	3	10	.....	13	8	69	85	33	1	3	5	34	.....	3	39	17	1	141	2	33	
324	2	3	1	11	7	54	43	30	1	4	7	12	2	2	26	9	7	97	.....	34	
1,858	2	30	1	22	6	108	230	186	4	1	41	171	.....	25	204	113	42	645	13	35	
1,446	3	24	.....	12	.....	127	164	120	3	1	93	130	11	24	170	51	16	403	13	36	
2,098	37	27	2	84	47	107	334	193	1	25	69	121	10	16	224	67	49	564	8	37	
1,047	19	15	1	46	22	90	164	101	1	14	20	55	9	112	41	29	11	294	3	38	
1,051	18	12	1	38	25	107	170	92	.....	11	49	66	10	7	112	26	20	270	5	39	
2,093	37	27	2	84	47	196	334	193	1	25	68	120	10	16	224	67	49	562	8	40	
1,547	36	16	.....	79	45	171	208	132	1	25	34	78	5	13	189	31	23	435	3	41	
329	8	3	.....	21	5	21	41	24	1	5	5	25	.....	5	48	10	9	94	.....	42	
330	6	3	.....	12	7	40	34	26	.....	2	21	30	3	4	47	6	9	73	1	43	
431	10	5	.....	19	16	59	68	41	.....	9	1	8	.....	1	48	6	.....	132	1	44	
407	12	5	.....	25	17	49	61	34	.....	9	3	10	2	3	37	6	.....	127	1	45	
252	1	7	1	4	1	8	53	32	.....	.....	14	20	.....	3	11	23	15	97	2	46	
289	4	1	.....	1	1	17	73	28	.....	.....	20	21	5	.....	24	13	11	67	3	47	
5	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2	.....	48	
418	11	4	.....	25	6	30	53	33	1	5	6	31	.....	5	58	10	9	127	.....	49	
410	8	4	.....	21	14	46	37	32	.....	3	24	33	3	5	50	6	10	97	1	50	
55	1	1	.....	1	1	10	6	6	.....	1	2	3	.....	1	4	2	1	.....	.....	51	
51	1	.....	.....	1	2	2	4	6	.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	52	
295	4	3	.....	8	4	24	70	35	.....	5	9	8	.....	1	.....	.....	.....	.....	.....	53	
280	2	4	.....	6	3	23	69	26	.....	3	11	14	.....	.....	.....	.....	.....	.....	.....	54	
12	.....	.....	.....	1	.....	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55	
14	.....	.....	.....	.....	.....	1	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56	
178	4	5	.....	9	9	21	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57	
212	6	3	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58	

TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING  
PARENTAL NATIVITY, AND BIRTH-

SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un- known.
1	Ward 7.....	2,141	254	113	71	72	510	825	86	144	894	192	
2	Males.....	1,169	150	60	41	35	286	450	41	76	504	98	
3	Females.....	972	104	53	30	37	224	375	45	68	390	94	
4	White.....	2,114	240	113	70	72	504	815	86	143	880	190	
5	Native born.....	1,249	247	112	69	70	498	779	69	82	277	42	
6	Both parents native.....	{ M 146 F 98	17 17	8 9	3 6	4 4	32 36	55 54	8 7	2 2	63 22	18 13	
7	One or both parents foreign.....	{ M 517 F 403	122 76	49 41	37 23	29 33	237 173	351 292	21 30	42 30	102 50	1 1	
8	Foreign born.....	{ M 419 F 416	1 1	1 1	1 1	1 1	2 2	18 13	7 7	31 30	293 291	70 75	
9	Colored.....	27	5		1		6	10		1	14	2	
10	Birthplaces of mothers:												
11	United States.....	{ M 194 F 144	29 32	14 15	10 7	6 5	50 50	95 89	9 12	2 4	69 25	19 14	
12	England and Wales.....	{ M 23 F 9	2 2	2 1	1 1		5 1	8 2	1 1		14 7		
13	Ireland.....	{ M 577 F 522	50 33	15 15	15 7	6 12	86 67	132 119	16 20	52 47	312 270	65 66	
14	Germany.....	{ M 11 F 12	2 2	2 1	1 1	1 1	2 3	6 6	1 1		5 5		
15	Canada.....	{ M 53 F 46	11 5	6 3	1 1	1 1	19 9	35 21	1 3	7 5	10 17		
16	Ward 8.....	2,576	309	143	103	77	632	977	93	201	1,016	288	1
17	Males.....	1,260	174	84	51	50	359	530	43	92	497	136	L
18	Females.....	1,277	135	59	52	27	273	447	50	109	519	152	
19	White.....	2,464	294	137	98	74	603	926	92	189	974	282	1
20	Native born.....	1,606	293	137	97	73	600	901	79	127	398	106	1
21	Both parents native.....	{ M 272 F 208	40 21	22 9	13 11	22 6	97 47	136 82	9 5	10 17	77 64	40 40	
22	One or both parents foreign.....	{ M 529 F 466	104 85	52 39	34 36	26 18	216 178	328 292	28 37	53 43	116 90	3 4	1
23	Foreign born.....	{ M 364 F 478	1 1	1 1	1 1	1 1	1 1	9 15	5 8	23 39	242 322	85 94	
24	Colored.....	112	15	6	5	3	29	51	1	12	42	6	
25	Birthplaces of mothers:												
26	United States.....	{ M 378 F 321	64 54	33 25	19 17	27 11	143 107	209 162	14 10	18 24	92 78	45 47	
27	England and Wales.....	{ M 46 F 42	7 4	2 2	1 2	3 1	13 9	20 17	3 1	4 1	13 7	6 7	
28	Ireland.....	{ M 567 F 630	51 38	25 14	13 17	12 11	101 80	156 142	19 21	49 58	273 332	69 77	1
29	Germany.....	{ M 26 F 13	6 4	2 1	1 1	2 1	10 6	12 10	2 1	9 1	3 1	3 1	
30	Canada.....	{ M 107 F 124	22 17	11 8	9 3	3 1	45 29	66 52	4 13	12 15	23 88	2 6	
31	Ward 9.....	1,829	166	84	72	50	372	571	85	120	700	344	
32	Males.....	875	94	51	35	25	205	309	43	53	352	118	
33	Females.....	954	72	33	37	25	167	262	42	67	357	226	
34	White.....	1,268	112	56	37	30	235	338	54	77	513	286	
35	Native born.....	889	110	55	37	30	232	331	46	52	287	173	
36	Both parents native.....	{ M 181 F 250	25 15	8 5	7 4	7 5	47 29	61 45	6 4	5 7	66 100	43 94	
37	One or both parents foreign.....	{ M 198 F 179	30 28	24 12	11 11	9 8	74 50	106 93	20 16	15 23	52 40	5 7	
38	Foreign born.....	{ M 156 F 212	1 1	1 1	1 1	1 1	2 2	2 2	2 5	13 12	97 122	42 71	
39	Colored.....	561	54	28	35	20	137	233	31	43	196	58	

MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still born.	All other causes.	Unknown.
1,205	12	10	3	33	20	117	219	132	.....	13	39	65	4	6	135	33	12	12	339	1
618	6	8	.....	16	9	61	101	53	.....	6	12	41	.....	1	84	22	6	5	187	2
587	6	2	3	17	11	56	118	79	.....	7	27	24	4	5	51	11	6	7	152	3
1,200	12	10	3	33	20	116	217	131	.....	13	39	64	4	6	135	33	12	12	339	4
792	10	5	1	30	19	104	130	72	.....	13	16	29	3	3	95	10	3	12	237	5
125	2	3	.....	5	1	12	9	8	.....	2	4	11	.....	3	31	3	.....	2	32	} 6
102	1	.....	.....	5	4	9	11	12	.....	2	7	3	.....	3	15	1	2	1	26	
273	3	2	.....	9	8	43	47	22	.....	4	.....	8	.....	.....	28	5	.....	3	91	} 7
268	4	.....	1	11	6	39	58	28	.....	5	5	5	3	.....	18	1	.....	5	79	
200	1	3	.....	2	.....	4	41	22	.....	.....	8	20	.....	1	22	14	5	.....	57	} 8
203	1	2	2	1	1	8	46	36	.....	.....	15	14	1	2	16	9	4	.....	44	
5	.....	.....	.....	.....	.....	1	2	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	9
165	2	3	.....	5	1	23	13	11	.....	3	4	11	.....	.....	34	4	.....	2	49	} 10
142	1	.....	.....	5	5	17	13	19	.....	3	8	3	.....	3	17	1	2	2	43	
22	2	1	.....	2	2	2	2	.....	.....	.....	.....	1	.....	1	6	1	.....	.....	4	} 11
18	1	.....	.....	1	1	2	4	1	.....	.....	.....	.....	.....	.....	2	.....	.....	1	5	
235	1	.....	.....	1	2	11	58	31	.....	3	7	18	.....	.....	21	15	4	.....	63	} 12
285	3	1	2	7	3	21	78	35	.....	1	13	16	4	1	18	9	4	2	66	
23	.....	.....	.....	2	.....	.....	6	2	.....	.....	1	2	.....	.....	4	2	.....	.....	4	} 13
4	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	
99	1	3	.....	4	3	12	13	4	.....	.....	.....	5	.....	.....	10	.....	1	2	41	} 14
89	1	1	1	3	2	11	17	17	.....	2	3	1	.....	.....	11	.....	.....	.....	20	
1,022	15	13	.....	27	15	113	127	121	7	14	33	46	6	4	141	38	12	14	273	15
530	10	7	.....	14	8	66	65	59	5	7	8	14	.....	2	74	23	4	11	152	} 16
492	5	6	.....	13	7	47	62	62	2	7	25	32	6	2	67	15	8	3	121	
1,022	15	13	.....	27	15	113	127	121	7	14	33	46	6	4	141	38	12	14	273	18
665	14	5	.....	24	14	93	65	64	6	14	8	21	1	1	109	15	4	14	191	} 19
98	2	.....	.....	2	1	18	5	11	.....	1	.....	4	.....	1	22	6	.....	2	23	
75	1	.....	.....	5	1	4	5	5	.....	1	5	7	.....	.....	17	.....	2	1	21	} 20
266	8	4	.....	10	6	38	30	23	5	6	1	.....	.....	.....	34	5	.....	9	87	
209	3	1	.....	7	5	29	24	24	1	6	1	10	1	.....	34	2	1	2	57	} 21
156	.....	3	.....	2	.....	9	29	25	.....	.....	6	10	.....	1	18	11	4	.....	38	
199	1	5	.....	1	1	11	33	32	1	.....	19	15	5	2	14	11	4	.....	43	} 22
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
141	4	.....	.....	5	1	25	6	14	.....	2	1	4	.....	1	28	6	.....	4	40	} 24
104	1	.....	.....	7	2	11	7	8	.....	1	5	7	.....	.....	23	1	3	1	27	
46	.....	2	.....	1	2	6	1	3	.....	.....	.....	1	.....	.....	6	1	1	3	19	} 25
39	.....	.....	.....	1	.....	4	9	4	.....	1	4	1	.....	.....	7	1	.....	1	5	
190	4	3	.....	4	.....	14	39	26	2	2	1	6	.....	1	15	11	2	1	59	} 26
221	1	4	.....	3	2	18	30	33	.....	3	13	17	4	1	20	9	4	1	57	
23	.....	1	.....	.....	.....	2	2	5	1	.....	3	.....	.....	.....	7	.....	.....	.....	2	} 27
26	1	.....	.....	.....	1	4	3	5	.....	.....	.....	4	.....	1	1	1	.....	.....	5	
54	1	.....	.....	2	.....	7	11	4	.....	2	.....	.....	.....	.....	11	2	.....	1	13	} 28
49	2	1	.....	.....	.....	6	7	4	1	1	1	2	.....	.....	11	.....	.....	.....	13	
1,778	35	15	2	45	21	177	342	180	6	19	60	92	9	11	191	61	32	16	460	29
859	13	9	1	21	8	88	156	89	2	7	15	43	.....	6	92	32	6	9	259	} 30
919	22	6	1	24	13	89	186	91	4	12	45	49	9	5	99	29	26	7	201	
1,774	35	15	2	45	21	177	340	180	6	19	59	92	9	11	191	61	32	16	459	32
1,211	31	10	1	41	20	154	205	95	5	19	28	51	6	6	143	27	13	16	339	} 33
263	5	4	.....	12	4	33	23	18	1	1	3	14	.....	3	44	13	1	4	80	
259	5	1	1	6	5	28	31	27	2	5	16	13	4	1	39	4	8	5	58	} 34
319	7	3	.....	7	3	45	67	24	1	6	.....	7	.....	1	27	6	1	4	109	
315	14	2	.....	16	8	46	78	21	1	7	4	7	2	1	23	4	1	2	78	} 35
242	1	2	1	2	1	10	60	44	.....	.....	9	17	.....	2	.....	12	4	.....	57	
315	3	3	.....	2	.....	13	74	41	1	.....	22	24	3	.....	.....	.....	.....	.....	59	} 36
4	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	
312	6	5	.....	13	4	41	27	26	1	2	3	1	.....	.....	.....	.....	.....	.....	.....	} 37
314	7	1	1	8	8	35	38	32	2	5	20	1	.....	.....	.....	.....	.....	.....	.....	
19	1	.....	.....	.....	.....	1	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	} 38
26	2	.....	.....	2	.....	2	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
354	4	3	1	4	3	27	97	45	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	} 39
426	10	4	.....	7	4	29	118	45	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
10	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	} 40
2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
93	1	.....	.....	4	1	17	17	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

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TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING PARENTAL NATIVITY, AND BIRTH-

SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un- known.
1	Ward 3—Continued. Sanitary district A.....	759	68	32	34	37	171	298	36	62	261	102	
2	Males .....	357	40	11	19	18	88	133	22	30	136	36	
3	Females.....	402	28	21	15	19	83	165	14	32	125	66	
4	White.....	757	68	32	34	37	171	298	35	62	260	102	
5	Native born .....	466	66	32	33	36	167	289	31	45	81	20	
6	Both parents native..... { M..	65	14	2	8	6	30	41	8	3	11	2	
	{ F..	84	12	10	3	6	31	54	3	2	11	14	
7	One or both parents for- { M..	148	25	8	11	12	56	88	10	21	29		
	eign. { F..	159	13	11	11	12	47	103	10	19	26	1	
8	Foreign born..... { M..	133						2	3	6	90	32	
	{ F..	155	1		1	1	3	6	1	11	87	50	
9	Colored.....	2							1		1		
	Birthplaces of mothers:												
10	United States..... { M..	89	18	4	9	8	39	59	10	6	12	2	
	{ F..	110	17	11	4	7	39	75	6	3	12	14	
11	England and Wales..... { M..	5									5		
	{ F..	14	1			1	2	7	1	2	3	1	
12	Ireland..... { M..	190	10	4	4	7	25	42	7	19	94	28	
	{ F..	224	8	4	6	8	26	58	5	24	90	47	
13	Germany..... { M..	5						1		1	2	1	
	{ F..	1								1			
14	Canada..... { M..	41	10	2	6	1	19	26	5	3	7		
	{ F..	36	1	5	4	3	13	20	2	2	12		
15	Sanitary district B.....	1,019	83	46	38	29	196	302	49	95	377	195	1
16	Males .....	502	51	29	17	16	113	174	26	40	185	77	
17	Females.....	517	32	17	21	13	83	128	23	55	192	118	1
18	White.....	1,017	83	46	38	29	196	302	49	95	376	194	1
19	Native born .....	745	82	45	37	29	193	296	43	77	207	121	1
20	Both parents native..... { M..	198	21	15	10	6	52	75	11	12	61	39	
	{ F..	175	12	9	8	5	34	52	8	13	48	53	1
21	One or both parents for- { M..	171	27	13	7	10	57	93	12	20	44	2	
	eign. { F..	156	18	8	12	8	46	71	12	32	35	6	
22	Foreign born..... { M..	109		1			1	2	3	8	70	26	
	{ F..	160			1		1	3	3	10	98	46	
23	Colored.....	2									1	1	
	Birthplaces of mothers:												
24	United States..... { M..	223	24	18	12	7	61	91	12	15	65	40	
	{ F..	204	18	12	8	6	44	67	10	16	53	57	1
25	England and Wales..... { M..	14						4		1	5	4	
	{ F..	12			1	1	2	3		1	6	2	
26	Ireland..... { M..	164	14	3	3	3	23	38	8	16	85	17	
	{ F..	202	8	1	5	2	16	25	8	30	101	38	
27	Germany..... { M..	5									4	1	
	{ F..	1				1	1	1					
28	Canada..... { M..	52	9	8	1	5	23	31	6	6	9		
	{ F..	53	3	4	6	3	16	27	4	7	13	2	
29	Ward 4.....	1,702	178	78	64	63	383	626	89	123	558	306	
30	Males .....	797	107	38	40	34	219	337	42	51	254	113	
31	Females.....	905	71	40	24	29	164	289	47	72	304	193	
32	White.....	1,675	174	77	64	59	374	612	87	120	551	305	
33	Native born.....	1,234	174	77	62	58	371	606	75	77	279	197	
34	Both parents native..... { M..	294	52	13	16	10	91	137	14	15	73	55	
	{ F..	330	34	15	9	8	66	109	17	19	99	86	
35	One or both parents foreign.. { M..	269	52	24	22	21	119	185	23	16	41	4	
	{ F..	276	33	24	15	19	91	171	21	27	46	11	
36	Foreign born..... { M..	192			2		2	3	5	19	129	36	
	{ F..	247				1	1	3	7	24	141	72	
37	Colored.....	27	4	1		4	9	14	2	3	7	1	
	Birthplaces of mothers:												
	United States..... { M..	354	65	17	19	18	119	181	16	18	80	59	
	{ F..	397	45	23	10	14	92	150	21	24	108	94	
	England and Wales..... { M..	20	1		2	3	6	9			8	2	
	{ F..	33		1	1	1	4	9			10	7	
	Ireland..... { M..	282	24	7	10	9	50	85	14	25	127	31	
	{ F..	326	15	9	7	7	38	84	13	35	133	61	

TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING—  
PARENTAL NATIVITY, AND BIRTH-

SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.		AGE.												
		All ages.	Months.					Years.						Un- known.
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65		
1	Ward 4—Continued. Sanitary district A .....	1,036	103	40	33	35	211	343	63	69	345	216		
2	Males .....	469	61	19	21	20	121	184	31	25	150	79		
3	Females .....	567	42	21	12	15	90	159	32	44	195	137		
4	White .....	1,021	102	39	33	33	207	336	62	67	340	216		
5	Native born .....	755	102	39	32	33	206	334	54	47	178	142		
6	Both parents native. .... { M. 164	30	9	6	5	50	72	8	8	41	35			
	{ F. 222	22	6	5	5	38	67	11	10	68	66			
7	One or both parents for- { M. 165	30	10	14	14	68	105	19	10	28	3			
	eign. .... { F. 161	17	14	7	9	47	87	16	19	30	9			
8	Foreign born .....	117			1		2	4	7	75	29			
	{ F. 148							4	13	86	45			
9	Colored .....	15	1	1		2	4	7	1	2	5			
	Birthplaces of mothers:													
10	United States .....	198	37	11	7	8	63	95	9	8	47	89		
	{ F. 260	27	10	5	8	50	86	14	14	73	73			
11	England and Wales .....	13	1		1	2	4	7		4	2			
	{ F. 17	1		1	1	2	3	3	3	4	4			
12	Ireland .....	175	13	2	8	6	29	49	11	13	78	24		
	{ F. 205	7	8	3	4	22	47	10	22	86	40			
13	Germany .....	7			1	1	2	2	1	3	1			
	{ F. 2							1		1				
14	Canada .....	43	9	4	3	2	18	25	8	3	7			
	{ F. 41	6	2	2	2	12	17	4	5	14	1			
15	Sanitary district B .....	666	75	38	31	28	172	283	26	54	213	90		
16	Males .....	328	46	19	19	14	98	153	11	26	104	34		
17	Females .....	338	29	19	12	14	74	130	15	28	109	56		
18	White .....	654	72	38	31	26	167	276	25	53	211	89		
19	Native born .....	479	72	38	30	25	165	272	21	30	101	55		
20	Both parents native .... { M. 130	22	4	10	5	41	65	6	7	32	20			
	{ F. 108	12	9	4	3	28	42	6	9	31	20			
21	One or both parents for- { M. 104	22	14	8	7	51	80	4	6	13	1			
	eign. .... { F. 115	16	10	8	10	44	84	5	8	16	2			
22	Foreign born .....	75			1		1	1	12	54	7			
	{ F. 99				1	1	3	3	11	55	27			
23	Colored .....	12	3			2	5	7	1	1	2	1		
	Birthplaces of mothers:													
24	United States .....	156	28	6	12	10	56	86	7	10	33	20		
	{ F. 137	18	13	5	6	42	64	7	10	35	21			
25	England and Wales .....	7			1	1	2	2		4	1			
	{ F. 16		1		1	2	6	1		6	3			
26	Ireland .....	107	11	5	2	3	21	36	3	12	49	7		
	{ F. 121	8	1	4	3	16	37	3	13	47	21			
27	Germany .....	3		1			1	2		1	1			
	{ F. 1									1	1			
28	Canada .....	23	6	4	1		11	15	1	3	4			
	{ F. 40	3	3	3	2	11	19	4	4	10	3			
29	Ward 5 .....	1,628	152	46	54	54	306	503	77	123	657	266	2	
30	Males .....	848	88	25	28	26	167	262	39	62	370	114	1	
31	Females .....	780	64	21	26	28	139	241	38	61	287	152	1	
32	White .....	1,617	151	46	54	54	305	501	77	123	649	265	2	
33	Native born .....	1,089	151	45	53	51	300	489	73	90	297	139	1	
34	Both parents native. .... { M. 255	34	10	8	11	61	90	11	15	91	48			
	{ F. 230	21	4	9	7	41	74	10	11	78	57			
	{ M. 278	52	15	19	14	100	163	24	28	62	1			
	{ F. 269	40	15	17	19	91	156	27	35	43	7			
		266			1	1	5	3	18	186	53	1		
		254		1		2	3	6	15	160	72			
		11	1				1	2		8	1			
		294	43	11	11	13	78	114	13	18	98	51		
		276	27	5	11	9	52	97	15	13	82	69		
		22	1	3		1	5	7	1	9	1			
		22	1		1	1	9	9	1	9	9			
		354	25	6	10	9	50	90	18	29	182	34		
		364	18	10	10	12	50	91	18	36	159	59		
		17										1		

MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Childbirth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
1,036	18	23	.....	22	19	69	180	108	5	8	38	77	5	8	140	41	21	16	238	1
469	8	13	.....	11	8	20	79	49	2	6	11	28	.....	3	64	20	6	12	120	2
587	10	10	.....	11	11	40	101	59	3	2	27	49	5	5	76	21	15	4	118	3
1,021	18	21	.....	22	18	68	178	104	5	7	38	77	5	8	139	40	21	16	236	4
755	17	10	.....	21	18	61	112	74	4	7	30	48	1	6	102	26	11	16	191	5
164	4	2	.....	3	2	10	20	15	.....	2	5	10	.....	1	26	13	2	5	44	6
222	3	2	.....	6	5	17	30	20	2	.....	16	20	1	3	32	6	3	2	54	
165	3	5	.....	8	6	17	22	20	2	3	1	4	.....	.....	18	1	1	7	47	7
161	7	1	.....	4	5	16	38	18	.....	2	1	9	.....	.....	20	6	.....	1	33	
117	1	6	.....	.....	.....	2	84	12	.....	.....	4	11	.....	1	16	5	1	.....	24	8
148	5	.....	.....	1	.....	5	32	18	1	.....	4	18	3	1	21	9	9	.....	21	
15	.....	2	.....	.....	1	1	2	4	.....	1	.....	.....	.....	.....	1	1	.....	.....	2	9
198	4	2	.....	4	3	11	22	23	.....	4	5	12	.....	1	32	13	3	6	53	10
280	5	4	.....	7	5	21	33	27	2	.....	17	23	.....	1	35	9	3	2	63	
13	.....	1	.....	.....	1	2	1	2	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	2	11
17	.....	.....	.....	.....	1	.....	4	1	.....	.....	1	2	.....	.....	3	2	1	.....	2	
175	2	9	.....	6	2	8	43	18	2	2	5	11	.....	1	18	4	1	3	40	12
205	3	1	.....	3	4	16	51	23	.....	2	4	21	1	1	28	8	8	.....	31	
7	.....	1	.....	.....	.....	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	13
43	.....	2	.....	.....	.....	.....	9	4	.....	.....	.....	.....	.....	.....	5	1	.....	3	16	
41	1	1	.....	1	1	2	11	5	1	.....	.....	.....	2	.....	5	1	.....	1	9	14
666	9	20	1	17	20	68	99	79	2	8	19	41	5	8	61	16	12	5	174	
328	4	12	.....	8	13	32	38	40	2	1	6	22	.....	4	31	11	4	1	97	16
332	5	8	1	9	7	36	61	39	.....	7	13	19	5	4	30	5	8	4	77	
654	9	19	1	17	20	67	98	77	2	8	19	41	5	8	61	16	12	5	167	18
479	9	9	1	17	19	59	55	54	2	8	9	25	3	7	48	8	8	5	132	19
130	2	4	.....	5	6	16	9	13	.....	.....	1	14	.....	2	12	5	3	1	36	20
108	2	3	.....	5	3	11	20	12	.....	1	5	7	1	1	11	1	2	2	21	
104	2	1	.....	3	6	13	9	12	2	1	.....	1	.....	1	11	1	.....	.....	41	21
115	3	1	1	4	4	18	15	17	.....	6	2	3	2	2	9	.....	.....	2	26	
75	.....	6	.....	.....	1	2	19	13	.....	.....	5	6	.....	1	5	4	.....	.....	12	22
99	.....	4	.....	.....	.....	6	24	10	.....	.....	5	9	2	.....	8	4	4	.....	23	
12	.....	1	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	23
156	3	5	.....	5	7	20	10	17	1	1	1	15	.....	2	15	5	3	1	44	24
137	4	3	.....	5	4	15	22	16	.....	5	6	7	1	2	13	1	2	2	29	
7	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	3	25
16	.....	.....	.....	1	1	1	1	4	.....	.....	1	1	1	.....	1	.....	.....	.....	4	
107	.....	5	.....	2	4	6	23	18	.....	.....	3	4	.....	1	7	3	.....	.....	30	26
121	1	4	.....	2	.....	13	28	14	.....	.....	5	8	2	1	7	2	3	2	29	
3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	27
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	
23	1	2	.....	.....	1	2	1	3	.....	.....	1	.....	.....	1	3	.....	.....	.....	8	28
40	.....	1	1	1	2	6	7	4	.....	1	.....	2	1	.....	4	2	.....	.....	8	
1,628	25	37	2	44	15	118	262	159	7	13	72	95	16	23	192	64	32	18	428	29
848	13	22	1	20	4	56	142	85	5	6	26	58	.....	16	90	36	13	10	241	30
780	12	15	1	24	11	62	120	74	2	7	46	37	16	7	102	28	19	8	187	
1,617	25	37	2	44	15	118	257	159	7	13	72	93	15	23	192	63	32	17	427	32
1,089	24	19	2	43	15	99	133	85	7	13	43	48	10	16	156	34	12	17	309	33
255	4	3	1	7	2	14	23	21	2	2	8	16	.....	7	44	13	3	2	83	34
230	2	3	1	7	3	17	19	19	.....	3	19	7	6	1	49	8	5	3	56	
278	8	8	.....	12	2	36	46	25	3	4	4	8	.....	4	22	6	.....	7	82	35
269	9	5	.....	17	8	31	40	17	2	.....	7	10	4	1	31	4	1	5	73	
266	.....	11	.....	1	.....	4	65	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
254	1	7	.....	.....	.....	14	59	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
11	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37
294	6	5	1	9	3	17	27	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
276	4	3	1	10	3	18	22	23	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	38
22	1	.....	.....	1	.....	2	5	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
354	4	1	.....	3	1	6	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
364	6	5	.....	6	1	19	82	47	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
13	.....	.....	.....	7	4	24	79	44	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
9	.....	.....	.....	1	.....	1	3	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
67	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

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TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING  
PARENTAL NATIVITY, AND BIRTH-

SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un- known.
1	Ward 10—Continued. Sanitary district A.....	630	62	17	9	16	104	143	16	57	299	114	1
2	Males.....	358	30	5	8	10	53	77	5	27	191	57	1
3	Females.....	272	32	12	1	6	51	66	11	30	108	57	
4	White.....	612	62	17	9	16	104	143	16	53	286	113	1
5	Native born.....	375	62	17	9	16	104	141	16	30	132	56	
6	Both parents native.....	{ M.. 101 F.. 71	9 9	1 6	2	5 2	17 17	23 22	1 2	5 3	54 21	18 23	
7	One or both parents for- eign.....	{ M.. 93 F.. 67	16 17	4 6	6 1	5 4	31 28	48 37	4 8	12 9	27 11	2 2	
8	Foreign born.....	{ M.. 111 F.. 115						1 1		6 15	78 69	25 30	1
9	Colored.....	18								4	13	1	
10	Birthplaces of mothers:												
11	United States.....	{ M.. 120 F.. 93	14 17	2 8	4	7 3	27 28	36 36	1 4	5 5	57 25	21 23	
12	England and Wales.....	{ M.. 24 F.. 15	2 3	1 1	1	1	3 5	5 8	1	1	3 4	1 1	
13	Ireland.....	{ M.. 108 F.. 104	6 6	1 1	2 1	1	9 9	17 11	2 5	12 13	58 48	19 27	
14	Germany.....	{ M.. 12 F.. 7	2				2	2			7 4	1	1
15	Canada.....	{ M.. 17 F.. 27	4 6	1 2	1	1 1	7 9	10 9	1 1	1 6	5 8	3	
16	Sanitary district B.....	329	12	1	5	2	20	30	8	23	166	102	
17	Males.....	190	7	1	2	2	12	15	3	15	99	58	
18	Females.....	139	5		3		8	15	5	8	67	44	
19	White.....	309	11		4	1	16	24	6	23	155	101	
20	Native born.....	280	10		4	1	15	23	6	19	120	92	
21	Both parents native.....	{ M.. 109 F.. 83	2 2		1		2 3	2 7	2 2	8 3	51 38	46 33	
22	One or both parents for- eign.....	{ M.. 23 F.. 14	1 3		2 1		3 4	6 4	1 1	6 1	8 6	2 2	
23	Foreign born.....	{ M.. 23 F.. 20								1 3	18 12	4 5	
24	Colored.....	20	1	1	1	1	4	6	2		11	1	
25	Birthplaces of mothers:												
26	United States.....	{ M.. 127 F.. 97	3 2		1 3	2	6 5	8 11	2 4	9 4	60 42	48 36	
27	England and Wales.....	{ M.. 2 F.. 4									1 2	1 1	
28	Ireland.....	{ M.. 19 F.. 15	2 2				2 2	2 2		2 1	13 8	2 3	
29	Germany.....	{ M.. 2 F.. 1									1 1		
30	Canada.....	{ M.. 10 F.. 6	1 6	1 1	1		2 1	3 1	1 1	1 1	5 4	1	
31	Ward 11.....	1,808	150	43	45	37	275	421	85	117	749	436	
32	Males.....	820	74	18	16	19	127	194	29	42	370	185	
33	Females.....	988	76	25	29	18	148	227	56	75	379	251	
34	White.....	1,684	133	33	36	33	235	363	77	104	712	428	
35	Native born.....	1,244	131	33	35	32	231	352	68	66	433	325	
36	Both parents native.....	{ M.. 337 F.. 391	15 34	6 7	6 7	3 3	30 51	44 75	10 16	14 17	159 146	110 137	
37	One or both parents foreign.....	{ M.. 178 F.. 226	41 35	6 14	6 15	13 13	66 77	102 117	15 27	13 20	37 51	5 11	
38	Foreign born.....	{ M.. 182 F.. 250			1	1	2	7 2	3 6	11 26	125 151	36 65	
39	Colored.....	124	17	10	9	4	40	58	8	13	37	8	

MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																					
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.	
630	5	10	1	17	7	36	100	54	1	20	62	5	9	50	31	11	5	203	3	1	
358	2	5	1	9	4	16	57	26	.....	6	40	.....	7	30	22	5	4	122	2	2	
272	3	5	.....	8	3	20	43	28	1	14	22	5	2	20	9	6	1	81	1	3	
612	5	9	1	17	7	36	89	54	1	20	61	5	9	50	28	11	5	201	3	4	
375	4	3	1	15	7	30	43	25	1	10	35	3	2	38	16	4	5	131	2	5	
101	.....	1	1	2	2	2	6	4	.....	2	19	.....	.....	10	6	.....	1	45	1	6	
71	.....	.....	.....	4	1	4	5	8	1	4	4	1	.....	6	5	4	.....	22	1	.....	
93	2	.....	.....	5	2	11	18	6	.....	1	5	.....	1	9	1	.....	2	30	.....	7	
67	2	1	.....	3	2	8	12	4	.....	1	2	2	.....	6	1	.....	1	22	.....	.....	
111	.....	4	.....	1	.....	2	23	13	.....	3	11	.....	5	5	9	4	.....	30	1	8	
115	1	2	.....	1	.....	4	23	15	.....	7	14	2	2	6	3	2	.....	33	.....	.....	
18	.....	1	.....	.....	.....	.....	11	.....	.....	.....	1	.....	.....	.....	3	.....	.....	2	.....	9	
120	.....	.....	1	3	3	4	9	4	.....	2	19	.....	.....	13	7	.....	2	52	1	10	
93	.....	1	.....	6	2	8	8	2	1	5	5	1	.....	8	5	4	.....	30	1	.....	
24	1	1	.....	1	.....	2	1	2	.....	.....	1	.....	3	2	2	.....	.....	8	.....	11	
15	2	.....	.....	.....	1	1	3	1	.....	.....	1	1	.....	2	1	.....	.....	2	.....	.....	
108	1	1	.....	4	.....	4	28	14	.....	1	17	.....	2	5	3	2	1	32	.....	12	
104	1	3	.....	2	.....	7	20	11	.....	4	12	2	2	3	3	2	.....	32	.....	.....	
12	.....	.....	.....	.....	.....	.....	3	1	.....	1	1	1	.....	2	2	.....	.....	2	.....	13	
7	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	4	.....	.....	
17	.....	.....	.....	.....	.....	3	3	.....	.....	1	1	.....	.....	3	3	.....	.....	5	.....	.....	
27	.....	.....	.....	.....	.....	2	7	4	.....	1	1	1	.....	2	2	.....	.....	9	.....	14	
320	1	8	1	3	.....	13	34	44	.....	1	13	44	.....	8	38	16	0	3	92	1	15
190	1	6	1	.....	.....	5	21	23	.....	1	24	.....	.....	4	26	13	6	1	57	1	16
139	.....	2	.....	3	.....	8	13	21	.....	1	12	20	.....	4	12	3	3	2	35	.....	17
309	1	7	1	8	.....	12	30	41	.....	.....	13	41	.....	8	36	14	0	3	89	1	18
260	1	5	1	3	.....	11	22	31	.....	11	37	.....	7	32	14	9	3	72	1	19	
109	.....	2	1	.....	.....	1	8	15	.....	.....	17	.....	3	15	9	6	1	30	1	20	
83	.....	.....	.....	2	.....	4	4	11	.....	8	14	.....	2	9	2	3	.....	24	.....	.....	
23	1	2	.....	.....	.....	1	5	5	.....	1	1	.....	.....	3	.....	.....	.....	5	.....	21	
14	.....	1	.....	1	.....	2	2	.....	.....	.....	.....	2	.....	1	.....	.....	2	2	.....	.....	
23	.....	1	.....	.....	.....	.....	5	3	.....	.....	3	.....	.....	2	.....	.....	.....	9	.....	22	
20	.....	.....	.....	.....	.....	1	3	7	.....	2	1	.....	1	2	.....	.....	.....	3	.....	.....	
20	.....	1	.....	.....	.....	1	4	3	.....	1	.....	3	.....	2	2	.....	.....	3	.....	23	
127	1	2	1	.....	.....	2	8	16	.....	.....	19	.....	3	19	11	6	1	37	1	24	
97	.....	1	.....	2	.....	6	7	13	.....	9	16	.....	2	9	2	3	.....	27	.....	.....	
2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	25	
4	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
19	.....	1	.....	.....	.....	.....	5	6	.....	.....	1	.....	.....	1	.....	.....	.....	5	.....	26	
15	.....	.....	.....	.....	.....	1	4	4	.....	1	1	.....	.....	1	.....	.....	.....	1	.....	.....	
2	.....	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27	
1	.....	.....	.....	.....	.....	2	2	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	
10	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	28	
6	.....	.....	.....	.....	.....	.....	1	2	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	
1,808	29	33	5	61	9	90	220	159	5	9	80	170	9	25	226	112	41	13	493	10	29
820	11	20	2	24	4	45	99	70	2	4	20	89	.....	15	112	65	10	10	214	4	30
988	18	13	3	37	5	45	180	89	3	5	60	81	9	10	114	47	31	3	279	6	31
1,684	26	32	4	60	9	81	203	147	5	6	78	162	8	25	213	108	41	11	457	8	32
1,244	25	23	3	50	9	70	117	97	5	6	48	114	4	15	170	83	35	11	351	8	33
337	2	12	1	11	.....	12	27	27	.....	2	10	44	.....	6	56	37	8	1	77	4	34
391	9	5	1	15	1	9	33	30	1	.....	29	32	3	5	50	22	20	1	121	4	.....
178	7	2	1	8	4	23	21	7	1	1	5	11	.....	1	19	8	.....	6	57	.....	35
226	7	3	.....	15	4	22	32	18	2	3	1	11	1	1	25	6	2	2	67	.....	.....
182	1	4	.....	4	.....	3	34	21	.....	.....	9	20	.....	7	20	12	2	.....	45	.....	36
250	.....	5	1	6	.....	8	52	29	.....	.....	21	28	4	3	23	13	3	.....	54	.....	.....
124	3	1	1	1	.....	9	26	12	.....	3	2	8	1	.....	13	4	.....	2	36	2	37
418	3	13	1	16	1	19	44	31	.....	3	10	53	.....	.....	70	39	8	4	93	4	38
494	13	5	2	18	1	14	47	41	2	2	30	37	3	.....	63	26	24	1	154	6	.....
32	.....	.....	.....	2	.....	1	5	3	.....	.....	1	2	.....	.....	5	3	.....	.....	10	.....	39
29	2	1	.....	2	1	.....	5	3	.....	.....	1	3	.....	.....	2	.....	.....	.....	7	.....	.....
175	3	4	.....	.....	2	14	31	12	1	1	1	15	.....	.....	18	10	2	.....	53	.....	40
235	5	3	.....	5	1	11	49	22	.....	1	14	26	3	.....	25	10	2	2	54	.....	.....
40	2	1	1	.....	.....	1	5	3	.....	.....	4	.....	.....	.....	4	.....	.....	1	11	.....	41

MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Childbirth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
2,436	20	35	1	61	25	182	425	295	7	10	57	183	6	18	247	97	42	26	688	11
1,282	11	21		27	15	93	236	153	3	2	14	89		9	127	60	19	15	384	4
1,154	9	14	1	34	10	89	189	142	4	8	43	94	6	9	120	37	23	11	304	7
2,406	20	34	1	61	25	179	415	290	7	10	57	180	6	18	244	97	42	26	684	10
1,410	17	16		54	25	157	221	133	7	10	17	82	3	6	162	40	9	26	419	6
225	2	2		2	6	21	20	21	1		1	26			32	12	4	2	72	1
170	2			6	4	9	17	16		2	8	9	2	1	21	3	2	5	62	1
474	6	8		23	9	57	86	50	2	2	1	15		2	52	11		12	136	2
433	6	4		21	6	63	83	86	3	6	6	21	1	2	40	9		6	118	2
492	2	10				11	114	74			11	40		7	32	34	14		140	1
480	1	8	1	5		11	79	82			29	55	3	5	50	22	19		107	3
30		1				3	10	5				3			3				4	1
291	4	2		6	6	30	24	26	2	1	1	29			41	13	4	3	98	1
236	2	1		11	4	20	24	24	1	2	8	12	2	1	32	4	3	6	78	1
51	1				2	4	8	10				5			4	2			14	
44		1				6	5	6			2	3		1	9				9	
682	3	14		10	4	36	157	99	1	1	10	38		8	61	32	12	7	187	2
669	5	6	1	9	4	49	135	91	1	5	29	60	3	5	60	25	14	2	160	5
21				1	1	3	2					3			1	1			9	
13		1		1		1	3	2			1				1		1		2	
85	1	3		4		12	12	7				1			9	3		2	30	1
90	2			9	2	10	10	8	2	1	2	7	1	1	11	1	1		22	
4,215	29	83	3	186	67	490	779	352	32	46	73	213	22	39	364	113	61	58	1,192	13
2,164	8	51	2	87	38	250	405	211	18	16	24	96		20	192	58	14	37	629	8
2,051	21	32	1	99	29	240	374	141	14	30	49	117	22	19	172	55	47	21	563	5
4,209	29	83	3	186	67	490	779	351	32	46	73	212	22	39	363	113	61	58	1,189	13
2,556	28	33	2	171	62	418	370	161	30	45	10	64	8	11	227	29	5	58	817	8
243	1	2		16	6	37	19	17	2	2		2		2	39	6	1	10	80	1
212	5	1		22	3	36	14	11	2	2	1	5			20	2	2	2	84	
1,117	7	15	1	64	29	189	179	71	15	14	1	29		6	94	10	1	27	361	4
949	15	14	1	68	24	150	155	60	11	27	7	24	8	3	70	10		19	280	3
776		34	1	6	3	23	206	120	1		22	62		12	55	41	12		175	3
867	1	17		9	2	48	203	70	1	1	41	86	14	16	81	42	44		190	1
6								1				1			1				3	
344	1	5		21	8	55	32	22	3	5	1	7		3	43	9	2	13	112	2
300	6	2		30	4	55	21	16	2	3	1	6			28	2	2	3	118	1
64				5	4	11	10	6				2		1	7	1			16	
48	1	1		3	1	8	6	7	2	1		3			5	1			14	
1,393	4	39	2	40	17	129	315	150	11	8	20	68		15	111	41	11	20	387	5
1,433	9	25	1	45	17	150	309	108	9	20	38	89	20	16	115	49	41	16	353	3
63	1	1		3	1	10	10	4	1		1	5		1	7	2	1		15	
54	2			1	1	8	8	3		2	4	5	1		4	1	2		12	
192	2	2		11	6	31	23	18	2	3	2	5			12	2		2	71	
144	2	3		17	5	13	19	5	1	2	5	10	1	1	11	1			47	
3,131	29	70	3	140	37	276	543	259	15	32	76	197	19	35	347	92	57	39	852	13
1,559	13	35	1	67	20	150	267	126	9	15	20	86		25	175	50	25	24	442	9
1,572	16	35	2	73	17	126	276	133	6	17	56	111	19	10	172	42	32	15	410	4
3,123	29	70	2	140	37	276	539	258	15	32	76	197	19	35	347	92	57	39	850	13
2,095	27	38		128	33	245	305	163	15	30	81	89	6	18	244	49	15	39	611	9
390	5	7		24	4	42	34	29	2	6	2	23		5	51	16	3	8	127	2
376	5	5		27	2	33	33	37	1	6	16	21	1	5	45	14	7	3	114	1
637	8	11		38	15	84	113	49	7	9	1	18		4	64	10		18	186	4
594	9	15		39	12	80	117	33	5	9	4	15		1	67	7	1	10	164	2



TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING  
PARENTAL NATIVITY, AND BIRTH-

	SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.	AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un known.
1	Ward 15.....	2,433	317	138	116	81	652	1,055	147	203	744	283	1
2	Males.....	1,259	185	79	66	42	372	585	66	100	387	121	
3	Females.....	1,174	132	59	50	39	280	470	81	103	357	162	1
4	White.....	2,425	316	138	116	81	651	1,053	147	202	740	282	1
5	Native born.....	1,712	315	137	114	79	645	1,036	128	156	306	85	1
6	Both parents native.....	{ M 308 F 254	{ 62 37	{ 26 23	{ 23 11	{ 15 15	{ 126 86	{ 189 135	{ 13 23	{ 11 13	{ 66 51	{ 29 32	
7	One or both parents foreign.....	{ M 576 F 524	{ 115 90	{ 50 36	{ 41 39	{ 26 23	{ 232 188	{ 374 323	{ 40 52	{ 61 71	{ 100 75	{ 1 2	1
8	Foreign born.....	{ M 341 F 871	{ ..... .....	{ 1 .....	{ 2 .....	{ 1 1	{ 4 1	{ 11 5	{ 13 6	{ 27 19	{ 212 222	{ 78 119	
9	Colored.....	8	1				1	2		1	4	1	
10	Birthplaces of mothers:												
11	United States.....	{ M 416 F 351	{ 84 60	{ 39 29	{ 31 15	{ 21 19	{ 175 123	{ 272 206	{ 20 32	{ 18 18	{ 76 60	{ 30 35	
12	England and Wales.....	{ M 42 F 47	{ 8 7	{ 1 1	{ 3 .....	{ 1 .....	{ 13 8	{ 20 13	{ 2 5	{ 1 6	{ 14 16	{ 5 7	
13	Ireland.....	{ M 506 F 522	{ 43 33	{ 19 12	{ 18 18	{ 9 8	{ 89 71	{ 137 124	{ 22 25	{ 62 64	{ 221 215	{ 64 93	1
14	Germany.....	{ M 64 F 65	{ 6 5	{ 2 4	{ 2 7	{ 1 4	{ 11 20	{ 20 80	{ 9 1	{ 4 5	{ 26 19	{ 5 10	
15	Canada.....	{ M 133 F 120	{ 26 16	{ 12 9	{ 8 6	{ 5 6	{ 51 37	{ 90 68	{ 11 14	{ 14 8	{ 18 26	{ 4 .....	
16	Ward 16.....	2,626	336	121	92	76	625	971	98	195	1,089	321	2
17	Males.....	1,339	191	63	53	33	340	526	49	93	536	135	
18	Females.....	1,287	145	58	39	43	285	445	49	102	503	186	2
19	White.....	2,547	327	110	88	73	604	936	92	188	1,010	319	2
20	Native born.....	1,632	327	114	86	73	600	912	78	115	423	103	1
21	Both parents native.....	{ M 274 F 239	{ 46 32	{ 20 13	{ 11 7	{ 5 8	{ 82 60	{ 120 89	{ 8 11	{ 12 8	{ 103 85	{ 34 45	1
22	One or both parents foreign.....	{ M 528 F 469	{ 122 92	{ 38 34	{ 35 26	{ 26 33	{ 221 185	{ 344 302	{ 28 31	{ 39 54	{ 114 80	{ 3 2	
23	Foreign born.....	{ M 424 F 480	{ ..... .....	{ 1 1	{ 1 1	{ ..... .....	{ 2 2	{ 15 8	{ 11 3	{ 36 37	{ 275 303	{ 87 129	1
24	Colored.....	79	9	5	4	3	21	35	6	7	23	2	
25	Birthplaces of mothers:												
26	United States.....	{ M 380 F 335	{ 72 55	{ 31 25	{ 20 15	{ 10 13	{ 133 108	{ 193 151	{ 14 19	{ 19 16	{ 117 99	{ 37 49	1
27	England and Wales.....	{ M 48 F 38	{ 5 .....	{ ..... .....	{ 2 .....	{ 1 .....	{ 12 10	{ 21 15	{ 1 .....	{ 4 3	{ 17 16	{ 5 4	
28	Ireland.....	{ M 531 F 543	{ 46 44	{ 17 9	{ 15 12	{ 11 13	{ 89 78	{ 148 137	{ 14 19	{ 45 55	{ 268 238	{ 56 93	1
29	Germany.....	{ M 74 F 79	{ 10 9	{ 3 5	{ 2 3	{ 1 2	{ 16 19	{ 21 26	{ 5 1	{ 5 7	{ 25 30	{ 18 15	
30	Canada.....	{ M 117 F 130	{ 27 19	{ 7 7	{ 7 5	{ 6 6	{ 47 37	{ 72 60	{ 10 5	{ 9 14	{ 24 46	{ 2 5	
31	Ward 17.....	1,895	174	69	52	36	331	521	85	138	807	344	
32	Males.....	888	96	39	28	19	182	286	44	59	357	142	
33	Females.....	1,007	78	30	24	17	149	235	41	79	450	202	
34	White.....	1,777	157	65	44	33	299	466	80	136	757	338	
35	Native born.....	1,178	156	65	44	32	297	456	74	81	394	173	
36	Both parents native.....	{ M 260 F 280	{ 34 22	{ 10 6	{ 10 5	{ 5 4	{ 59 37	{ 81 60	{ 11 18	{ 10 9	{ 101 125	{ 57 68	
37	One or both parents foreign.....	{ M 289 F 256	{ 49 47	{ 26 21	{ 14 13	{ 13 10	{ 102 91	{ 166 139	{ 27 17	{ 32 24	{ 62 71	{ 2 5	
38	Foreign born.....	{ M 229 F 363	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 .....	{ 1 .....	{ 4 5	{ 5 1	{ 16 38	{ 147 212	{ 57 107	
39	Colored.....	118	17	4	8	3	32	55	5	2	50	6	
40	Birthplaces of mothers:												
41	United States.....	{ M 346 F 362	{ 48 34	{ 18 12	{ 16 13	{ 7 7	{ 89 66	{ 132 99	{ 12 25	{ 12 12	{ 128 150	{ 62 76	
42	England and Wales.....	{ M 27 F 30	{ 5 2	{ 1 1	{ 2 .....	{ ..... .....	{ 8 3	{ 12 6	{ 1 .....	{ 2 .....	{ 8 16	{ 4 8	
43	Ireland.....	{ M 322 F 397	{ 20 23	{ 14 11	{ 5 7	{ 4 7	{ 43 48	{ 62 75	{ 20 9	{ 81 43	{ 148 192	{ 41 78	
44	Germany.....	{ M 31 F 26	{ 5 .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 5 .....	{ 7 3	{ 2 .....	{ 4 .....	{ 13 12	{ 5 9	

MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																						
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.		
2,433	18	55	.....	151	46	251	416	203	20	36	62	109	13	25	259	63	43	51	605	7	1	
1,259	10	33	.....	73	23	126	205	123	8	16	14	54	.....	12	139	31	15	30	342	5	2	
1,174	8	22	.....	78	23	125	211	80	12	20	48	55	13	13	120	32	28	21	263	2	3	
2,425	18	55	.....	151	46	251	413	203	20	36	62	108	13	25	258	63	43	51	602	7	4	
1,712	17	30	.....	* 138	45	223	246	129	20	36	26	54	6	12	182	27	9	51	457	4	5	
308	4	5	.....	18	8	34	25	29	2	5	7	14	.....	2	46	5	2	12	88	2	6	
254	4	4	.....	22	6	26	25	25	2	4	10	8	1	5	25	8	3	6	69	1	1	
576	5	11	.....	45	14	79	102	47	6	11	2	11	.....	3	57	7	.....	17	159	.....	7	
524	4	10	.....	53	17	76	91	22	10	16	3	14	5	2	50	5	.....	15	130	.....	1	
341	1	17	.....	10	1	11	74	42	.....	.....	5	26	.....	7	32	17	11	.....	84	3	8	
371	8	8	.....	3	.....	17	93	32	.....	.....	31	28	7	6	44	19	23	.....	60	.....	1	
8	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	3	.....	9	
416	6	5	.....	30	10	48	38	32	2	7	7	17	.....	3	60	6	2	16	125	2	10	
351	4	6	.....	35	10	41	33	28	3	5	12	12	3	5	36	8	3	7	99	1	1	
42	.....	1	.....	2	2	11	6	5	.....	.....	.....	1	.....	.....	4	2	.....	.....	7	.....	11	
47	.....	.....	.....	5	1	7	3	3	.....	.....	.....	2	.....	.....	1	5	4	.....	11	.....	1	
506	1	17	.....	18	4	36	122	62	3	5	4	3	.....	7	44	17	9	7	126	1	12	
522	4	14	.....	21	6	44	129	32	5	10	28	27	7	6	54	15	20	4	95	1	1	
64	.....	3	.....	6	1	8	11	5	.....	.....	1	4	.....	.....	9	3	.....	.....	11	1	13	
65	.....	.....	.....	3	2	16	8	6	.....	2	3	2	1	.....	5	2	.....	.....	15	.....	1	
133	3	6	.....	13	4	13	17	7	3	2	1	3	.....	1	13	2	.....	.....	45	.....	14	
120	2	2	.....	11	4	10	19	8	3	2	1	5	1	1	15	1	2	7	28	.....	1	
2,626	21	36	2	97	25	234	460	264	23	10	75	153	23	36	255	96	27	24	749	16	15	
1,339	10	19	2	50	15	124	232	148	9	4	21	73	.....	19	126	55	9	14	399	10	16	
1,287	11	17	.....	47	10	110	228	116	14	6	54	80	23	17	129	41	18	10	350	6	17	
2,547	21	35	2	96	25	231	442	254	23	9	74	147	23	36	248	94	27	23	721	16	18	
1,632	21	12	1	84	21	208	238	133	22	9	23	74	8	17	167	42	7	23	513	9	19	
274	4	2	1	9	1	25	34	30	2	1	3	23	.....	2	25	13	1	3	93	2	20	
239	4	3	.....	15	2	16	29	25	1	.....	10	16	4	.....	27	7	5	3	71	1	1	
528	6	5	.....	31	10	76	84	37	6	3	1	10	.....	9	51	8	.....	11	176	4	21	
469	7	1	.....	26	8	75	85	28	13	5	3	14	3	5	48	6	1	4	135	2	1	
424	.....	11	1	7	4	15	102	63	1	.....	16	31	.....	8	35	28	8	.....	90	4	22	
480	.....	12	.....	5	.....	8	101	55	.....	.....	34	42	15	11	45	24	12	.....	113	3	1	
79	.....	1	.....	1	.....	3	18	10	.....	1	1	6	.....	.....	7	2	.....	1	28	.....	23	
380	5	2	1	15	2	38	46	39	2	1	4	27	.....	4	39	16	1	4	131	3	24	
335	4	4	.....	20	2	31	43	31	2	2	11	19	5	1	39	7	6	6	101	1	1	
48	1	1	.....	3	.....	7	7	1	.....	.....	2	2	.....	1	7	4	.....	1	11	.....	25	
38	1	2	.....	1	.....	2	7	4	1	.....	2	.....	1	1	1	1	1	.....	13	.....	1	
531	4	9	1	18	5	35	132	63	3	1	7	29	.....	8	46	23	7	5	132	3	26	
543	5	8	.....	10	5	33	120	45	5	3	19	40	11	8	50	23	8	.....	147	3	1	
74	.....	1	.....	1	1	9	11	7	.....	1	5	2	.....	1	8	3	.....	1	23	.....	27	
79	.....	.....	.....	4	1	10	13	3	1	1	6	7	1	3	6	3	1	1	17	1	1	
117	.....	2	.....	4	2	17	16	12	2	1	1	3	.....	2	8	3	.....	2	42	.....	28	
130	1	1	.....	7	1	18	23	16	2	.....	4	3	2	1	12	3	2	2	31	1	1	
1,895	14	38	1	62	12	149	330	184	4	13	84	133	9	19	218	81	39	19	479	7	29	
888	7	20	.....	35	7	76	138	98	3	6	18	62	.....	7	94	46	17	10	241	3	30	
1,007	7	18	1	27	5	73	192	86	1	7	66	71	.....	9	124	35	22	9	238	4	31	
1,777	14	35	1	60	12	137	305	171	4	13	82	121	9	19	210	79	38	16	444	7	32	
1,178	13	16	1	57	12	116	156	104	4	13	46	65	4	10	155	50	20	16	315	5	33	
260	3	4	.....	12	4	12	22	28	.....	1	9	22	.....	6	42	14	7	3	70	1	34	
280	4	3	.....	14	1	15	25	23	.....	1	29	18	2	1	44	13	6	1	79	1	1	
289	3	6	.....	21	3	49	46	25	3	5	.....	8	.....	.....	24	10	1	5	80	.....	35	
256	3	3	1	10	4	37	51	14	1	6	7	9	1	3	32	5	1	7	58	3	1	
229	1	9	.....	1	.....	7	54	27	.....	.....	8	21	.....	1	18	15	6	.....	59	2	36	
363	.....	10	.....	2	.....	14	94	40	.....	.....	28	34	5	8	35	14	12	.....	67	.....	1	
118	.....	3	.....	2	.....	12	25	13	.....	.....	2	12	.....	.....	8	2	1	3	35	.....	37	
346	3	5	.....	15	5	25	32	41	.....	1	10	27	.....	.....	6	44	17	8	6	100	1	1
362	4	6	.....	15	2	21	37	29	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
27	1	1	.....	1	.....	7	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
30	1	1	.....	1	.....	4	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
322	3	10	.....	14	2	26	69	36	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
397	2	9	1	4	2	31	104	36	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
31	1	1	.....	1	.....	5	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
26	.....	.....	.....	1	.....	2	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
59	.....	2	.....	3	.....	8	9	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	

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TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING  
PARENTAL NATIVITY, AND BIRTH-

SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.		AGE.										
		All ages.	Months.					Years.				
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65
1	Ward 18.....	1,600	128	54	49	32	263	383	73	99	632	413
2	Males.....	716	66	31	23	19	139	199	38	38	272	189
3	Females.....	884	62	23	26	13	124	184	35	61	360	244
4	White.....	1,550	123	50	47	30	250	362	69	96	613	410
5	Native born.....	1,139	121	49	46	27	243	348	61	58	372	300
6	Both parents native.....	{ M.. 301 F.. 390	30 20	7 7	11 12	5 5	53 44	66 62	17 13	10 19	107 164	101 132
7	One or both parents foreign.....	{ M.. 187 F.. 172	27 29	17 11	11 11	11 6	66 57	101 91	14 17	12 16	35 34	5 14
8	Foreign born.....	{ M.. 170 F.. 230	1 1	1 1	2 1	3 1	3 3	6 6	5 2	16 21	102 135	41 66
9	Colored.....	50	5	4	2	2	13	21	4	3	19	3
10	Birthplaces of mothers:											
11	United States.....	{ M.. 358 F.. 457	40 33	13 10	16 13	8 6	77 62	106 90	20 20	11 24	113 176	108 147
12	England and Wales.....	{ M.. 24 F.. 35	2 1	1 1	2 3	1 3	6 8	9 10	1 1	3 2	7 15	4 8
13	Ireland.....	{ M.. 165 F.. 216	6 11	8 6	1 5	3 2	18 24	31 37	9 9	13 21	92 102	20 47
14	Germany.....	{ M.. 22 F.. 22	1 3	2 2	2 2	3 1	5 13	5 20	1 6	2 9	10 25	4 2
15	Canada.....	{ M.. 57 F.. 62	12 6	3 4	4 2	4 1	23 13	35 20	5 6	4 9	7 25	6 2
16	Ward 19.....	3,534	422	223	158	136	989	1,444	221	244	1,190	434
17	Males.....	1,819	241	114	88	60	503	782	114	136	610	177
18	Females.....	1,715	181	109	70	76	436	662	107	108	580	257
19	White.....	3,362	403	211	146	125	885	1,358	210	233	1,136	424
20	Native born.....	2,201	398	207	142	120	867	1,325	182	153	405	136
21	Both parents native.....	{ M.. 319 F.. 309	62 47	25 16	18 18	13 11	118 92	169 128	15 21	13 16	84 75	38 69
22	One or both parents foreign.....	{ M.. 811 F.. 670	156 114	74 78	58 44	43 52	331 288	532 455	79 66	74 46	124 95	2 8
23	Foreign born.....	{ M.. 563 F.. 586	2 2	1 2	3 4	3 4	3 9	12 15	15 12	44 85	366 362	126 161
24	Colored.....	172	19	12	12	11	54	86	11	11	54	10
25	Birthplaces of mothers:											
26	United States.....	{ M.. 495 F.. 476	94 79	41 37	34 26	20 30	189 172	284 238	33 35	20 25	114 103	44 75
27	England and Wales.....	{ M.. 77 F.. 73	8 8	8 6	5 4	4 4	20 23	35 39	7 3	7 3	18 20	10 8
28	Ireland.....	{ M.. 783 F.. 775	77 49	31 37	29 21	19 19	156 126	245 217	43 43	80 57	332 338	83 124
29	Germany.....	{ M.. 128 F.. 96	11 10	4 5	5 8	5 5	25 28	45 38	7 7	4 3	52 31	20 17
30	Canada.....	{ M.. 179 F.. 159	33 20	15 19	12 9	10 12	70 60	112 89	19 14	14 14	32 35	2 7
31	Ward 20.....	2,970	420	176	116	87	799	1,206	162	227	971	404
32	Males.....	1,452	216	101	62	49	428	640	81	119	446	166
33	Females.....	1,518	204	75	54	38	371	566	81	108	525	238
34	White.....	2,952	417	175	116	87	795	1,198	160	225	965	404
35	Native born.....	2,098	409	174	116	85	784	1,170	150	182	411	185
36	Both parents native.....	{ M.. 386 F.. 398	67 58	32 20	19 19	14 7	132 104	192 151	24 22	21 21	95 112	54 92
37	One or both parents foreign.....	{ M.. 635 F.. 589	125 122	63 53	42 35	32 31	262 241	397 381	51 53	77 62	107 81	3 12
38	Foreign born.....	{ M.. 366 F.. 475	1 1	1 1	1 1	1 1	2 2	13 6	6 4	18 25	230 321	99 119
39	Colored.....	18	3	1	1	1	4	8	2	2	6	1
40	Birthplaces of mothers:											
41	United States.....	{ M.. 400 F.. 46	40 31	13 14	16 14	8 14	77 153	106 230	20 32	11 23	113 121	108 100
42	England and Wales.....	{ M.. 24 F.. 1	2 1	1 1	2 3	1 3	6 8	9 10	1 1	3 2	7 15	4 8
43	Ireland.....	{ M.. 165 F.. 216	6 11	8 6	1 5	3 2	18 24	31 37	9 9	13 21	92 102	20 47
44	Germany.....	{ M.. 22 F.. 22	1 3	2 2	2 2	3 1	5 13	5 20	1 6	2 9	10 25	4 2
45	Canada.....	{ M.. 57 F.. 62	12 6	3 4	4 2	4 1	23 13	35 20	5 6	4 9	7 25	6 2



MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																				
All causes	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
1,600	9	21	2	61	12	97	217	156	3	8	71	133	12	21	200	73	34	18	442	10
716	5	13	1	28	5	39	97	64	2	6	16	58	10	105	42	8	13	198	6	2
884	4	8	1	33	7	58	120	92	1	2	55	75	12	11	95	31	26	5	244	4
1,550	9	21	2	60	12	92	202	152	3	7	71	130	12	21	193	72	34	18	429	10
1,139	8	12	2	54	11	80	112	109	2	7	50	88	8	13	147	55	23	18	333	7
301	2	6	1	12	1	12	21	27	3	10	29	29	4	46	27	6	9	81	4	6
390	3	2	1	10	3	21	40	44	1	34	32	6	5	46	13	9	3	117	1	6
167	2	2	1	12	3	19	24	14	2	2	2	1	2	26	3	2	2	51	2	7
172	1	1	1	16	4	24	21	16	1	3	11	2	1	15	6	2	2	45	2	7
170	1	5	1	2	1	2	40	20	1	4	19	4	4	24	7	1	1	38	2	8
230	4	4	1	4	9	9	47	24	1	17	22	4	4	22	10	10	1	52	1	8
50	1	1	1	1	5	15	4	4	1	3	3	3	1	7	1	1	1	13	1	9
358	2	6	1	15	2	17	27	30	4	11	30	30	5	57	29	6	9	104	4	10
457	3	3	1	15	4	25	46	52	2	34	38	5	5	53	16	12	3	139	1	10
24	1	1	1	1	2	1	4	3	1	1	1	1	1	3	3	1	1	6	1	11
35	2	5	1	5	1	5	1	6	1	3	3	3	3	2	1	1	1	9	1	11
165	2	5	1	5	2	7	42	21	1	2	12	12	4	23	3	1	1	35	1	12
216	1	2	1	5	2	15	51	17	1	10	17	4	4	22	9	9	1	48	3	12
22	1	1	1	1	1	4	2	2	1	1	2	2	1	3	2	2	2	5	1	13
22	1	1	1	2	3	2	2	2	1	3	3	3	3	4	1	1	1	7	1	13
57	1	1	1	4	1	5	5	4	1	1	3	3	1	5	3	3	3	23	1	14
62	1	1	1	7	7	7	11	7	1	5	4	4	3	2	2	2	2	15	1	14
3,534	45	46	3	189	41	360	564	318	15	35	100	193	22	33	343	115	45	38	1,016	13
1,819	23	28	2	98	15	172	295	181	9	20	19	86	16	190	68	11	21	558	7	16
1,715	22	18	1	91	26	188	269	137	6	15	81	107	22	17	153	47	34	17	458	6
3,362	44	43	2	187	41	349	528	298	15	31	97	185	21	33	326	105	44	26	964	13
2,201	43	24	1	172	39	312	260	157	13	31	38	87	9	11	198	54	14	36	695	7
319	5	1	1	23	35	32	19	2	8	5	18	18	2	28	16	1	7	116	1	20
309	4	2	1	17	40	33	20	2	4	16	22	3	1	34	7	9	5	87	1	20
811	16	13	1	63	14	113	97	73	6	9	4	22	4	85	15	1	13	259	5	21
670	18	5	1	69	22	109	89	40	3	10	10	18	5	47	10	1	11	200	2	21
563	1	12	1	10	1	12	146	79	1	1	10	40	9	65	25	10	1	140	2	22
586	7	7	1	5	1	23	120	62	1	1	48	57	12	61	26	20	1	126	3	22
172	1	3	1	2	11	36	20	20	4	3	8	1	1	17	10	1	2	52	1	23
495	8	1	2	35	2	62	51	36	3	11	5	24	3	47	26	1	9	168	1	24
476	5	5	1	24	7	60	52	37	2	6	22	29	4	1	11	10	7	149	1	24
77	3	2	1	5	1	5	8	3	2	1	2	2	1	14	1	1	2	29	1	25
73	1	1	1	5	3	15	9	3	1	5	1	1	1	6	2	2	2	20	1	25
783	8	18	1	29	3	51	166	101	2	2	11	42	8	81	22	8	10	217	4	26
775	12	7	1	38	9	59	152	69	3	5	36	54	13	67	23	16	7	190	4	26
128	1	1	1	8	3	9	21	12	2	2	7	7	2	21	8	1	1	29	1	27
96	1	1	1	7	19	11	7	7	1	5	10	1	2	13	2	1	1	17	1	27
179	1	2	1	17	3	28	26	17	2	3	1	1	1	14	3	2	2	59	1	28
159	4	2	1	14	5	20	25	7	1	2	2	5	4	15	3	1	1	49	1	28
2,970	22	42	1	170	50	282	458	266	11	36	87	186	24	35	280	109	44	25	833	9
1,452	8	18	1	89	33	138	235	131	6	15	35	83	14	130	58	15	13	425	6	30
1,518	14	24	1	81	17	144	223	135	5	21	52	103	24	21	150	51	29	12	408	3
2,952	22	41	1	169	50	282	453	264	11	34	87	186	24	35	280	109	44	24	827	9
2,098	20	23	1	163	47	257	271	178	10	33	41	92	12	15	201	55	15	24	635	5
386	3	3	1	27	7	39	37	36	1	4	9	30	1	45	19	3	4	118	1	34
398	4	2	1	16	5	37	49	43	1	4	19	26	4	3	45	14	7	4	114	1
655	3	6	1	58	23	85	106	54	3	11	4	21	8	4	47	10	2	8	189	3
580	10	11	1	61	12	86	77	41	3	14	4	12	8	4	54	11	2	8	170	1
306	2	7	1	4	3	8	86	37	1	1	21	29	12	8	33	29	12	17	84	2
475	11	11	1	1	16	16	95	49	1	1	25	65	12	12	43	25	17	1	101	2
18	1	1	1	1	5	2	2	2	2	2	2	2	2	2	2	2	2	6	1	37
502	3	5	1	39	11	52	53	42	1	5	9	32	4	1	4	3	1	1	1	1
506	5	3	1	31	6	50	57	47	1	12	20	27	4	1	4	3	1	1	1	1
41	2	1	1	1	1	4	5	4	1	1	1	3	1	1	1	1	1	1	1	1
52	3	3	1	2	3	5	7	5	1	5	5	5	3	1	3	1	1	1	1	1
628	3	8	1	30	15	51	134	66	1	6	19	30	3	1	8	1	1	1	1	1
677	6	14	1	35	6	53	123	65	1	7	12	53	17	1	3	1	1	1	1	1
60	3	4	1	4	7	15	7	2	1	1	1	1	1	1	1	1	1	1	1	1
53	4	4	1	3	6	8	7	1	1	1	1	1	1	1	1	1	1	1	1	1
119	2	2	1	12	1	14	17	8	1	1	1	1	1	1	1	1	1	1	1	1
130	2	2	1	7	1	18	21	9	1	1	1	1	1	1	1	1	1	1	1	1

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MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Childbirth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
2,368	20	34	.....	132	42	250	344	196	9	31	68	144	18	26	221	79	36	22	687	9
1,182	8	12	.....	71	27	124	187	99	5	13	31	64	.....	10	105	41	13	11	355	6
1,186	12	22	.....	61	15	126	157	97	4	18	37	80	16	16	116	38	23	11	332	3
2,353	20	33	.....	131	42	250	341	194	9	30	68	144	18	26	221	79	36	21	681	9
1,048	18	20	.....	126	40	227	189	130	8	29	29	65	9	10	157	37	9	21	519	5
291	3	2	.....	19	7	37	19	25	1	3	6	20	.....	.....	36	9	2	2	99	1
263	4	1	.....	11	4	27	25	30	1	4	11	18	2	2	27	9	4	3	80	.....
529	3	6	.....	49	18	73	90	43	2	10	4	16	.....	4	37	9	.....	8	154	3
492	8	11	.....	46	11	80	53	30	2	12	3	10	7	3	48	10	2	8	147	1
310	2	3	.....	3	2	8	75	28	1	.....	20	27	.....	6	28	23	11	.....	71	2
385	.....	10	.....	1	.....	14	77	36	.....	1	19	52	9	10	34	19	16	.....	85	2
15	.....	1	.....	1	.....	.....	3	2	.....	1	.....	.....	.....	.....	.....	.....	.....	1	6	.....
395	3	4	.....	31	11	50	32	30	1	4	6	21	.....	.....	45	10	2	3	141	1
355	5	2	.....	25	5	40	32	33	1	9	12	19	2	2	33	10	5	3	117	.....
34	2	.....	.....	.....	1	3	4	3	.....	1	.....	3	.....	.....	2	2	1	1	9	.....
40	.....	.....	.....	1	2	5	5	2	.....	.....	4	3	.....	.....	6	6	1	1	8	.....
523	3	6	.....	24	11	43	115	54	.....	5	19	25	.....	6	37	21	8	4	137	5
564	5	13	.....	25	6	47	97	48	2	8	9	43	14	11	47	21	16	5	145	2
64	.....	.....	.....	3	.....	7	15	2	1	.....	3	8	.....	1	6	6	2	1	9	.....
46	.....	.....	.....	2	.....	7	6	1	.....	.....	2	7	1	1	4	.....	.....	.....	11	.....
85	.....	.....	.....	10	4	11	15	4	2	3	.....	5	.....	.....	11	1	.....	1	27	.....
109	1	2	.....	6	1	17	12	8	.....	.....	4	5	.....	.....	15	3	.....	2	33	.....
602	2	8	1	38	8	32	114	70	2	5	19	42	6	9	59	30	8	3	146	.....
270	.....	6	.....	18	6	14	48	32	1	2	4	19	.....	4	25	17	2	2	70	.....
332	2	2	1	20	2	18	66	38	1	3	15	23	6	5	34	13	6	1	76	.....
599	2	8	1	38	8	32	112	70	2	4	19	42	6	9	59	30	8	3	146	.....
450	2	3	1	37	7	30	82	48	2	4	12	27	3	5	44	18	6	3	116	.....
95	.....	1	.....	8	.....	2	18	11	.....	1	8	10	.....	1	9	9	1	2	19	.....
135	.....	1	1	5	1	10	24	13	.....	.....	8	8	2	1	18	5	3	1	34	.....
106	.....	.....	.....	9	5	12	16	11	1	1	.....	5	.....	.....	10	1	.....	.....	35	.....
97	2	.....	.....	15	1	6	24	11	1	2	1	2	1	1	6	1	.....	.....	23	.....
56	.....	4	.....	1	1	.....	11	9	.....	.....	1	2	.....	2	5	6	1	.....	13	.....
90	.....	1	.....	.....	.....	2	18	13	.....	.....	6	13	3	2	9	6	1	.....	16	.....
3	.....	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
107	.....	1	.....	8	.....	2	21	12	.....	1	3	11	.....	1	10	9	1	2	25	.....
151	.....	1	1	6	1	10	25	14	.....	3	8	8	2	2	20	5	4	1	40	.....
7	.....	1	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....
12	.....	.....	.....	1	1	.....	2	3	.....	.....	1	.....	.....	.....	.....	1	1	.....	2	.....
105	.....	2	.....	6	4	8	19	12	.....	1	.....	5	.....	2	10	5	1	.....	29	.....
113	1	1	.....	10	6	6	26	17	.....	.....	3	10	3	2	9	2	.....	.....	23	.....
5	.....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	2	.....
7	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	1	.....	.....	1	2	.....	.....	.....	.....
24	.....	1	.....	2	2	3	2	4	.....	.....	.....	1	.....	.....	1	2	.....	.....	8	.....
30	1	.....	.....	1	.....	1	9	1	1	.....	.....	3	1	.....	3	2	.....	.....	7	.....
1,986	20	26	.....	87	14	152	262	187	2	16	87	155	8	29	237	81	56	28	535	4
913	9	17	.....	38	6	68	116	90	2	6	24	73	.....	8	114	52	18	15	254	3
1,073	11	9	.....	49	8	84	146	97	.....	10	63	82	8	21	123	29	38	13	281	1
1,074	20	26	.....	87	14	152	260	187	2	16	87	155	8	29	237	81	56	27	526	4
1,543	19	19	.....	81	14	141	178	141	2	16	60	119	5	22	187	61	35	27	413	3
409	7	7	.....	10	.....	23	27	30	1	.....	11	47	.....	8	62	31	11	5	111	1
405	2	4	.....	17	1	29	37	46	.....	3	37	42	4	12	67	11	19	5	128	1
267	2	5	.....	24	6	35	37	24	1	3	1	16	.....	2	24	4	.....	9	63	1
280	8	2	.....	30	7	38	58	20	.....	7	5	5	1	3	18	7	1	.....	63	.....
175	.....	5	.....	4	.....	4	36	25	.....	.....	10	8	.....	1	21	14	5	.....	41	1
244	1	2	.....	2	.....	6	46	21	.....	.....	17	28	3	6	26	6	16	.....	64	.....
12	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	9	.....
406	7	9	.....	13	.....	32	42	43	1	3	12	49	.....	4	4	63	32	11	8	136
530	3	4	.....	22	3	40	40	56	.....	3	39	43	.....	.....	12	71	11	20	7	151
28	.....	1	.....	1	.....	2	3	3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
48	.....	.....	.....	4	.....	3	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
243	2	3	.....	14	.....	15	55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
278	6	1	.....	18	6	17	69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
45	.....	2	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	2	.....	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....



TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING  
PARENTAL NATIVITY, AND BIRTH-

SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un- known.
1	Ward 22.....	2,055	269	115	90	84	558	892	118	129	656	258	2
2	Males.....	1,049	148	62	47	42	299	487	52	62	336	111	1
3	Females.....	1,006	121	53	43	42	259	405	66	67	320	147	1
4	White.....	2,049	269	114	90	84	557	890	117	129	654	257	2
5	Native born.....	1,313	268	112	90	81	551	863	102	90	203	54	1
6	Both parents native.....	{ M.. 124 F.. 139	20 24	15 11	6 6	8 8	49 49	72 74	7 8	4 5	23 30	18 22	.....
7	One or both parents foreign.....	{ M.. 550 F.. 466	126 94	44 38	39 37	32 32	241 201	390 315	38 48	40 41	81 59	1 2	..... 1
8	Foreign born.....	{ M.. 350 F.. 380	.....	1	.....	2	3	17 8	6 9	18 21	220 228	88 114	1
9	Colored.....	6	.....	1	.....	.....	1	2	1	.....	2	1	.....
10	Birthplaces of mothers:												
11	United States.....	{ M.. 190 F.. 190	36 35	23 19	15 9	15 12	89 75	129 115	12 13	6 7	25 32	18 23	..... .....
12	England and Wales.....	{ M.. 45 F.. 53	4 7	3 5	1 3	3 5	11 20	20 28	1 7	2 3	15 7	7 8	..... .....
13	Ireland.....	{ M.. 476 F.. 479	60 28	16 17	9 18	11 17	96 90	174 146	22 25	36 38	196 199	48 70	..... 1
14	Germany.....	{ M.. 162 F.. 129	25 19	8 6	13 6	5 4	51 35	83 55	7 6	7 6	48 42	16 20	..... .....
15	Canada.....	{ M.. 82 F.. 74	18 15	5 2	8 3	7 2	38 22	56 39	7 7	5 9	14 17	2	.....
16	Sanitary district A.....	137	16	5	4	4	29	35	8	11	53	30	.....
17	Males.....	63	10	2	2	4	18	19	3	9	20	12	.....
18	Females.....	74	6	3	2	.....	11	16	5	2	33	18	.....
19	White.....	134	16	4	4	4	28	34	7	11	52	30	.....
20	Native born.....	98	16	4	4	4	28	33	6	9	32	18	.....
21	Both parents native.....	{ M.. 17 F.. 25	3 1	1	.....	3	7 1	7 2	1	1 1	3 13	5 9	..... .....
22	One or both parents for- eign.....	{ M.. 28 F.. 21	7 5	.....	2 2	1	10 10	11 13	2 3	7 .....	8 5	.....	..... .....
23	Foreign born.....	{ M.. 14 F.. 22	.....	.....	.....	.....	.....	.....	.....	1 1	6 14	7 5	..... .....
24	Colored.....	3	.....	1	.....	.....	1	1	1	.....	1	.....	.....
25	Birthplaces of mothers:												
26	United States.....	{ M.. 21 F.. 28	4 2	2	1	3	10 2	10 3	1 1	2 1	3 14	5 9	..... .....
27	England and Wales.....	{ M.. 5 F.. 4	1 .....	.....	1	.....	2 1	2 1	.....	.....	1 2	2 1	..... .....
28	Ireland.....	{ M.. 25 F.. 23	1 2	.....	.....	1	2 5	3 6	2 3	4 1	11 11	5 2	..... .....
29	Germany.....	{ M.. 5 F.. 8	1 4	.....	.....	.....	1 4	1 4	.....	.....	2 1	2 .....	..... .....
30	Canada.....	{ M.. 8 F.. 5	1 1	.....	1	.....	2 .....	4 1	.....	.....	.....	.....	..... .....
31	Sanitary district B.....	819	105	46	34	34	219	348	51	43	270	106	1
32	Males.....	405	58	22	16	13	109	184	19	18	143	41	.....
33	Females.....	414	47	24	18	21	110	164	32	25	127	65	1
34	White.....	818	105	46	34	34	219	348	51	43	270	105	1
35	Native born.....	530	105	45	34	34	218	339	47	37	76	30	1
36	Both parents native.....	{ M.. 62 F.. 57	8 11	5 6	4 4	2 4	19 25	32 35	4 3	2 2	14 7	10 10	..... .....
37	One or both parents for- eign.....	{ M.. 197 F.. 198	49 35	16 16	12 14	11 16	88 81	142 124	13 26	13 20	28 25	1 2	..... 1
38	Foreign born.....	{ M.. 134 F.. 149	.....	.....	.....	.....	.....	7 1	1 3	3 3	97 94	26 48	..... .....
39	Colored.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....

MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
2,055	29	22	.....	125	21	232	320	174	9	15	45	111	16	24	195	82	33	40	547	15
1,049	19	13	.....	55	8	118	163	94	5	5	11	51	.....	12	97	47	10	21	315	5
1,006	10	9	.....	70	13	114	157	80	4	10	34	60	16	12	98	35	23	19	232	10
2,049	29	22	.....	125	21	231	319	173	9	15	45	111	16	24	193	82	33	40	546	15
1,313	23	10	.....	119	20	206	157	94	7	15	8	41	2	8	124	30	1	40	400	8
124	4	2	.....	9	2	13	11	11	.....	.....	2	7	.....	2	25	4	.....	3	29	.....
139	.....	1	.....	10	2	21	15	7	.....	3	2	9	2	2	18	3	1	6	35	2
550	11	6	.....	43	6	91	64	40	3	5	1	11	.....	1	41	10	.....	18	196	3
466	8	1	.....	57	10	73	63	33	4	7	3	11	.....	3	36	12	.....	13	129	3
350	4	5	.....	3	.....	10	84	40	2	.....	8	33	.....	9	27	33	10	.....	80	2
380	2	7	.....	3	1	13	78	39	.....	.....	29	37	14	7	42	19	22	.....	62	5
6	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1	.....
190	6	3	.....	15	2	30	11	17	1	.....	2	7	.....	2	31	5	.....	5	53	.....
190	1	1	.....	17	3	28	19	9	.....	3	2	10	2	2	24	4	1	8	54	2
45	1	1	.....	1	.....	2	4	8	1	.....	.....	1	.....	2	4	.....	.....	1	18	1
53	2	.....	.....	5	1	6	4	4	2	.....	2	3	.....	.....	3	2	3	.....	15	1
476	6	5	.....	22	5	31	101	47	2	4	4	27	.....	3	32	28	7	11	139	2
479	6	7	.....	29	3	40	92	48	1	3	18	35	9	8	41	23	10	4	97	5
162	2	4	.....	11	.....	32	17	8	.....	1	4	8	.....	2	14	9	3	2	43	2
129	.....	.....	.....	10	1	19	17	7	1	1	6	6	4	.....	17	3	4	3	29	1
82	4	.....	.....	3	.....	14	14	7	1	.....	.....	1	.....	.....	5	1	.....	1	31	.....
74	1	.....	.....	4	3	7	15	6	.....	2	2	1	.....	1	6	1	1	3	21	.....
137	2	1	.....	4	2	8	24	15	.....	1	9	15	2	3	12	5	3	2	28	1
63	2	1	.....	2	1	1	11	9	.....	.....	2	3	.....	1	4	3	2	2	19	.....
74	.....	.....	.....	2	1	7	13	6	.....	1	7	12	2	2	8	2	1	.....	9	1
134	2	1	.....	4	2	7	23	15	.....	1	9	15	2	3	12	5	3	2	27	1
98	2	1	.....	3	2	7	14	13	.....	1	4	11	.....	2	10	3	.....	2	22	1
17	1	.....	.....	2	1	1	2	2	.....	.....	1	2	.....	.....	2	1	.....	.....	2	.....
25	.....	.....	.....	.....	.....	1	5	2	.....	.....	2	4	.....	1	5	1	.....	.....	3	1
28	1	1	.....	.....	.....	5	4	4	.....	.....	1	1	.....	.....	1	.....	.....	2	12	.....
21	.....	.....	.....	1	1	5	2	4	.....	1	.....	3	.....	1	.....	.....	.....	.....	3	.....
14	.....	.....	.....	.....	.....	4	2	.....	.....	.....	.....	.....	.....	1	.....	2	2	.....	3	.....
22	.....	.....	.....	1	.....	5	.....	.....	.....	.....	5	4	2	.....	2	.....	1	.....	2	.....
3	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
21	1	.....	.....	2	1	1	2	2	.....	.....	1	2	.....	.....	2	1	.....	1	5	.....
28	.....	.....	.....	.....	.....	3	6	2	.....	.....	2	4	.....	1	5	1	.....	.....	3	1
5	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....
4	.....	.....	.....	.....	.....	1	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	1	1	.....	.....	.....	8	3	3	.....	.....	1	1	.....	.....	.....	2	2	1	5	.....
23	.....	.....	.....	1	1	1	2	3	.....	.....	3	7	1	1	1	.....	.....	.....	2	.....
5	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	2	.....
8	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	5	.....
5	.....	.....	.....	1	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
819	11	5	.....	55	8	93	132	70	1	5	15	40	4	11	78	41	12	15	218	5
405	5	4	.....	26	3	45	66	36	.....	3	5	18	.....	8	35	22	1	7	121	.....
414	6	1	.....	29	5	48	66	34	1	2	10	22	4	3	43	19	11	8	97	5
818	11	5	.....	55	8	93	132	70	1	5	15	40	4	11	77	41	12	15	218	5
530	6	3	.....	53	8	84	67	41	1	5	2	15	.....	4	49	17	1	15	157	2
62	1	2	.....	4	1	7	8	6	.....	.....	1	5	.....	2	10	1	.....	2	12	.....
57	.....	.....	.....	6	.....	10	5	3	.....	1	.....	3	.....	.....	8	2	1	.....	15	1
197	1	1	.....	20	2	33	23	14	.....	3	.....	2	.....	1	12	6	.....	5	74	.....
198	4	.....	.....	23	5	29	30	17	1	1	1	3	.....	1	17	8	.....	6	51	1
134	3	1	.....	2	.....	3	34	16	.....	.....	4	11	.....	5	11	15	1	.....	28	.....
149	2	1	.....	.....	.....	5	31	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84	1	2	.....	6	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	.....	.....	.....	8	1	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
187	1	2	.....	13	2	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
205	4	1	.....	9	1	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
43	1	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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TABLE 80.—DEATHS IN BOSTON AND IN EACH WARD AND SANITARY DISTRICT DURING THE 6 YEARS ENDING  
PARENTAL NATIVITY, AND BIRTH-

SEX, COLOR, NATIVITY, PARENTAL NATIVITY, AND BIRTHPLACES OF MOTHERS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un- known.
1	Ward 22—Continued. Sanitary district C .....	1,099	148	64	52	46	310	509	59	75	333	122	1
2	Males .....	521	80	38	29	25	172	284	30	35	173	58	1
3	Females .....	518	68	26	23	21	138	225	29	40	160	64	
4	White .....	1,097	148	64	52	46	310	508	59	75	332	122	1
5	Native born .....	685	147	63	52	43	305	491	49	44	95	6	
6	Both parents native .....	{ M. 45 F. 57	9 12	9 5	2 2	3 4	23 23	33 37	2 5	1 2	6 10	3 3	
7	One or both parents for- eign. ....	{ M. 325 F. 247	70 54	28 19	25 21	20 16	143 110	237 178	23 19	20 21	45 29		
8	Foreign born .....	{ M. 202 F. 209		1		2 1	3 1	10 6	5 5	14 17	117 120	55 61	1
9	Colored .....	2						1			1		
10	Birthplaces of mothers:												
11	United States .....	{ M. 85 F. 80	17 18	14 8	8 3	7 6	46 35	68 58	5 7	1 2	8 10	3 3	
12	England and Wales .....	{ M. 21 F. 29	2 5			2 3	5 9	11 15		2 3	6 4	2 5	
13	Ireland .....	{ M. 264 F. 251	32 21	9 12	7 10	7 7	55 50	98 85	11 12	21 21	108 99	26 34	
14	Germany .....	{ M. 119 F. 90	19 11	6 3	10 6	5 4	40 24	63 38	7 4	6 5	28 28	14 15	1
15	Canada .....	{ M. 43 F. 37	8 8	3 1	4 1	4 1	19 11	29 19	7 2	2 6	5 10		
16	Ward 23 .....	2,281	250	112	100	71	533	786	119	150	748	478	
17	Males .....	1,061	138	66	57	34	295	441	68	69	296	181	
18	Females .....	1,220	112	46	43	37	238	342	51	81	452	291	
19	White .....	2,255	248	109	98	70	525	774	117	149	740	475	
20	Native born .....	1,581	245	108	98	67	518	757	106	105	369	244	
21	Both parents native .....	{ M. 348 F. 343	38 21	16 9	16 10	9 15	79 55	127 82	20 9	21 16	88 131	92 105	
22	One or both parents foreign .....	{ M. 409 F. 390	92 87	45 32	36 29	22 20	195 168	289 237	42 34	32 34	44 74	2 11	
23	Foreign born .....	{ M. 254 F. 407				1 1	1 1	5 7	6 5	14 30	148 217	81 148	
24	Colored .....	26	2	3	2	1	8	12	2	1	8	3	
25	Birthplaces of mothers:												
26	United States .....	{ M. 443 F. 427	60 39	27 15	27 17	13 19	127 90	191 127	29 14	27 19	102 151	94 116	
27	England and Wales .....	{ M. 46 F. 61	7 4		4	3 2	18 6	24 10	3 5		13 24	0 17	
28	Ireland .....	{ M. 316 F. 404	27 25	17 9	12 9	9 7	65 50	117 82	22 22	22 31	101 175	54 94	
29	Germany .....	{ M. 92 F. 106	13 20	5 8	5 4	1 3	24 35	31 47	1 1	11 9	37 31	12 18	
30	Canada .....	{ M. 71 F. 90	24 9	6 6	4 8	3 3	37 26	47 37	10 7	3 14	11 27	5	
31	Ward 24 .....	2,632	376	118	99	69	662	940	125	167	846	553	1
32	Males .....	1,291	200	63	51	35	349	487	51	70	429	253	1
33	Females .....	1,341	176	55	48	34	313	453	74	97	417	300	
34	Total .....	2,632	376	116	99	69	660	938	125	167	840	552	1
35					99	69	654	921	105	119	464	369	1
36									16	19	141	137	1
37											162	146	



MAY 31, 1890, AT CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, PLACES OF MOTHERS—Continued.

CAUSE OF DEATH.																					
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.	
1,099	16	16	.....	66	11	131	164	89	8	9	21	56	10	10	105	36	18	23	301	9	1
581	12	8	.....	27	4	72	86	49	5	2	4	30	.....	3	58	22	7	12	175	5	2
518	4	8	.....	39	7	59	78	40	3	7	17	26	10	7	47	14	11	11	126	4	3
1,097	16	16	.....	66	11	131	164	88	8	9	21	56	10	10	104	36	18	23	301	9	4
685	15	6	.....	63	10	115	76	40	6	9	2	15	2	2	65	10	.....	23	221	5	5
45	2	.....	.....	3	.....	5	1	3	.....	.....	.....	2	.....	1	13	2	.....	1	15	.....	6
57	1	.....	.....	4	2	10	5	2	.....	2	.....	2	2	1	5	.....	.....	4	17	.....	7
325	9	4	.....	23	4	58	36	22	3	2	.....	8	.....	.....	28	4	.....	11	110	3	8
247	4	1	.....	33	4	39	31	12	3	5	2	5	.....	1	19	4	.....	7	75	2	9
202	1	4	.....	1	.....	7	46	22	2	.....	4	22	.....	3	16	16	7	.....	49	2	10
209	6	.....	.....	2	1	8	42	26	.....	.....	15	19	8	5	23	10	11	.....	31	2	11
2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	12
85	4	1	.....	7	.....	17	1	7	1	.....	.....	2	.....	.....	18	2	.....	1	26	.....	13
80	1	1	.....	9	2	11	5	3	.....	2	.....	2	2	1	9	.....	.....	4	28	.....	14
21	1	1	.....	.....	1	1	1	2	1	.....	1	1	.....	.....	3	.....	.....	1	8	.....	15
29	1	.....	.....	2	1	2	2	2	1	.....	1	2	.....	.....	2	2	3	.....	7	.....	16
264	4	2	.....	9	3	18	56	25	2	1	.....	18	.....	.....	17	14	4	6	83	2	17
251	2	6	.....	19	1	24	45	25	1	2	9	17	6	5	21	11	4	1	49	3	18
119	1	4	.....	8	.....	27	10	6	.....	1	3	6	.....	2	10	5	3	2	29	2	19
90	.....	.....	.....	6	1	13	13	5	1	1	5	4	2	.....	10	1	3	3	22	.....	20
43	2	.....	.....	2	.....	5	9	5	1	.....	.....	.....	.....	.....	4	.....	.....	1	14	.....	21
37	.....	.....	.....	2	2	9	.....	3	.....	2	1	.....	.....	.....	2	.....	.....	3	13	.....	22
2,281	25	44	1	106	11	194	324	193	8	24	84	146	22	21	347	80	64	24	553	10	15
1,061	12	16	1	68	6	103	131	97	5	11	18	63	.....	6	160	44	20	11	286	3	16
1,220	13	28	.....	38	5	91	193	96	3	13	66	83	22	15	187	36	44	13	267	7	17
2,255	25	42	1	106	11	194	317	190	8	22	84	145	22	21	347	80	64	24	543	9	18
1,581	21	21	1	102	10	172	184	129	8	22	45	82	15	7	241	55	30	24	405	7	19
348	5	4	1	25	2	26	36	31	3	2	5	24	.....	2	60	22	9	5	85	1	20
343	1	8	.....	8	2	16	36	23	1	2	29	23	9	3	69	13	14	2	81	3	21
409	7	4	.....	39	3	67	39	35	2	8	2	8	.....	.....	51	9	1	6	127	1	22
390	8	4	.....	27	3	55	63	30	2	9	4	15	6	1	46	9	1	11	95	1	23
254	8	.....	.....	2	1	8	52	26	.....	9	25	.....	.....	4	42	11	10	.....	55	1	24
407	4	13	.....	2	.....	13	81	33	.....	30	37	7	.....	10	60	14	24	.....	79	.....	25
26	2	.....	.....	.....	.....	.....	7	3	.....	2	.....	1	.....	.....	.....	.....	.....	.....	10	1	26
443	6	5	1	32	3	35	43	40	3	4	6	25	.....	2	71	24	9	5	128	1	27
427	3	13	.....	12	2	26	48	28	1	6	30	27	9	4	80	13	14	4	103	4	28
46	1	.....	.....	2	.....	6	4	1	.....	1	.....	3	.....	1	9	2	3	1	12	.....	29
61	1	1	.....	1	.....	6	9	5	1	1	3	7	2	2	9	1	4	.....	9	.....	30
316	6	6	.....	22	2	35	51	36	1	1	7	20	.....	2	39	8	5	3	71	1	31
404	6	7	.....	14	.....	22	77	34	1	3	20	31	7	5	45	14	17	6	94	1	32
92	1	.....	.....	2	.....	13	15	5	.....	4	3	7	.....	1	12	5	3	1	20	.....	33
106	3	4	.....	3	3	14	16	9	.....	2	5	4	3	1	15	2	1	1	20	.....	34
71	2	.....	.....	6	1	3	6	4	1	1	1	1	.....	1	10	1	.....	1	32	1	35
90	2	.....	.....	6	.....	13	25	11	.....	.....	1	3	1	1	10	3	.....	1	13	.....	36
2,632	30	34	5	102	30	262	385	215	6	12	106	169	21	24	295	104	85	36	696	15	29
1,291	17	13	4	46	12	121	170	108	2	5	36	90	.....	15	152	52	28	25	387	8	30
1,341	13	21	1	56	18	141	215	107	4	7	70	79	21	9	143	52	57	11	309	7	31
2,623	30	34	5	102	30	262	381	214	6	12	106	169	21	24	294	104	85	36	693	15	32
1,979	28	23	1	93	29	251	234	148	6	11	68	109	12	15	238	77	51	36	542	7	33
465	9	4	1	22	2	33	38	40	1	1	17	42	.....	5	72	28	14	10	126	.....	34
478	4	9	.....	24	5	45	59	37	.....	2	38	30	3	4	69	18	21	3	106	1	35
421	7	4	.....	22	10	64	52	28	1	3	.....	16	.....	2	39	10	1	15	146	1	36
431	8	5	.....	24	12	69	68	31	2	5	6	11	9	2	34	11	1	8	124	4	37
307	1	5	3	2	.....	5	69	31	.....	1	.....	29	.....	2	27	10	8	.....	87	2	38
323	1	6	1	7	1	5	78	35	.....	.....	17	21	9	2	27	17	25	.....	55	3	39
9	.....	.....	.....	.....	.....	.....	4	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	40
561	10	4	2	24	3	52	49	44	1	1	17	46	.....	.....	83	31	15	.....	12	.....	41
603	6	0	.....	31	5	75	72	45	2	2	40	35	3	.....	98	23	21	.....	120	.....	42
51	.....	.....	.....	1	.....	3	5	.....	.....	.....	2	4	.....	.....	8	4	4	.....	1	.....	43
51	.....	.....	.....	.....	1	5	10	2	.....	1	4	1	.....	.....	8	4	4	.....	1	.....	44
422	5	3	1	15	8	46	73	37	.....	3	7	29	.....	.....	30	11	11	.....	19	.....	45
446	3	8	.....	15	9	41	96	44	.....	2	15	28	12	.....	22	19	1	.....	1	.....	46
28	.....	.....	.....	.....	.....	1	5	7	.....	.....	2	2	.....	.....	3	5	2	.....	.....	.....	47
15	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48
87	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49

TABLE 81.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT CERTAIN

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un-known.
1	Total.....	134,878	21,317	7,198	5,363	4,317	38,195	54,604	6,486	9,411	42,825	19,938	1,614
2	Males.....	68,063	11,666	3,710	2,747	2,145	20,268	28,590	3,294	4,587	22,803	8,844	845
3	Females.....	65,915	9,651	3,488	2,616	2,172	17,927	26,014	3,192	4,824	20,022	11,094	769
4	White.....	127,556	20,132	6,746	4,992	4,077	35,947	51,479	6,096	8,787	40,497	19,170	1,527
5	Native born.....	103,507	20,091	6,709	4,969	4,051	35,820	51,167	5,895	7,428	26,114	11,782	1,121
6	Foreign born.....	{ M. 11,034	4	6	7	7	24	100	78	614	7,022	3,077	143
	{ F. 10,439	2	5	4	9	20	76	83	605	5,875	3,671	129	
7	Colored.....	7,322	1,185	452	371	240	2,248	3,125	390	624	2,328	768	87
	Birthplaces of persons:												
8	United States.....	{ M. 56,193	11,639	3,689	2,733	2,135	20,196	28,412	3,198	3,884	14,681	5,399	619
	{ F. 54,363	9,633	3,471	2,005	2,156	17,865	25,870	3,085	4,146	13,586	7,097	579	
9	England and Wales.....	{ M. 1,174		2	6	4	12	34	20	73	668	364	15
	{ F. 962	1	1	1	2	5	14	19	66	511	343	9	
10	Ireland.....	{ M. 5,579	1	2		1	4	19	18	301	3,537	1,613	91
	{ F. 6,337			2		1	3	23	23	340	3,571	2,279	101
11	Scotland.....	{ M. 205		1		1	2	5	4	15	120	56	5
	{ F. 201					1	1	1	8	17	109	63	3
12	France.....	{ M. 80				1	1	2		5	44	31	
	{ F. 53									4	25	22	
13	Germany.....	{ M. 3,413	3			1	4	24	19	162	2,244	939	25
	{ F. 2,547		3	1	2	6	24	24	145	1,453	891	10	
14	Scandinavia.....	{ M. 71							4	9	51	7	
	{ F. 17							1		5	8	2	1
15	Italy.....	{ M. 209						7	7	26	145	20	4
	{ F. 114							3	3	13	77	15	3
16	Other foreign countries.....	{ M. 342		1	1		2	11	6	31	242	49	3
	{ F. 213	1	1		1	3	8	8	7	16	123	57	2
17	Unknown.....	{ M. 1,697	23	15	7	3	48	78	18	81	1,071	366	83
	{ F. 1,108	16	12	7	8	43	68	23	72	559	325	61	
18	Ward 1.....	7,078	1,186	408	344	274	2,212	3,262	399	477	2,063	804	73
19	Males.....	3,608	667	199	178	135	1,179	1,735	205	224	1,061	341	42
20	Females.....	3,470	519	209	166	139	1,033	1,527	194	253	1,002	463	31
21	White.....	6,016	1,152	399	340	266	2,157	3,187	399	463	2,014	789	73
22	Native born.....	5,942	1,152	399	337	266	2,154	3,167	380	481	1,396	510	58
23	Foreign born.....	{ M. 451						2	4	10	300	132	2
	{ F. 439							7	2	18	283	124	5
24	Colored.....	162	34	9	4	8	55	75	9	14	49	15	
	Birthplaces of persons:												
25	United States.....	{ M. 3,110	667	199	175	135	1,176	1,725	198	211	741	201	34
	{ F. 2,991	519	209	166	139	1,033	1,517	191	234	702	323	24	
26	England and Wales.....	{ M. 38								1	21	15	1
	{ F. 40									3	24	12	1
27	Ireland.....	{ M. 239						1	1	5	166	64	2
	{ F. 289							3		9	200	74	3
28	Germany.....	{ M. 141							3	2	89	47	
	{ F. 96							1	5	51	35	1	
29	Ward 2.....	4,660	745	264	180	189	1,378	2,007	217	360	1,434	585	57
30	Males.....	2,340	380	140	80	87	687	998	117	194	770	231	30
31	Females.....	2,320	365	124	100	102	691	1,009	100	166	664	354	27
32	White.....	4,580	735	258	175	185	1,353	1,970	212	357	1,413	572	56
33	Native born.....	3,694	735	257	174	184	1,350	1,962	204	294	966	332	36
34	Foreign born.....	{ M. 436		1	1		2	5	4	36	285	101	5
	{ F. 407					1	1	3	2	26	237	130	9
35	Colored.....	80	10	6	5	4	25	37	5	3	21	13	1

AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.

CAUSE OF DEATH.																					
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.	
134,878	1,533	4,061	422	2,956	2,800	9,141	17,442	9,613	625	667	3,205	8,565	589	1,615	18,669	4,386	2,698	6,891	38,413	587	1
68,963	742	2,148	222	1,380	1,434	4,507	8,968	4,970	316	286	1,022	4,224	.....	945	9,671	2,546	921	3,989	20,324	339	2
65,915	791	1,913	200	1,567	1,366	4,634	8,474	4,643	309	381	2,183	4,341	589	670	8,998	1,840	1,777	2,902	18,089	248	3
127,556	1,510	3,915	404	2,894	2,756	8,730	16,136	8,925	600	601	3,101	7,988	561	1,592	17,755	4,128	2,585	6,486	36,326	563	4
103,507	1,463	2,951	333	2,838	2,724	8,005	11,923	7,051	588	596	1,921	5,491	389	990	15,106	2,873	1,480	6,486	29,922	377	5
11,034	14	514	37	21	12	308	2,013	899	6	2	399	1,139	.....	331	1,201	653	365	.....	3,046	74	6
10,439	22	378	28	23	13	350	1,695	805	3	2	689	1,131	163	231	1,180	450	660	.....	2,581	55	
7,322	23	146	18	62	44	411	1,306	688	25	66	104	577	28	23	914	258	113	405	2,087	24	7
56,193	724	1,588	181	1,363	1,419	4,155	6,601	3,955	309	283	572	2,921	.....	587	8,291	1,774	524	3,989	16,731	226	8
54,363	762	1,514	168	1,536	1,349	4,248	6,554	3,765	304	379	1,447	3,110	416	426	7,702	1,330	1,067	2,902	15,211	173	
1,174	3	68	3	3	4	38	176	91	1	1	32	135	.....	38	150	63	83	.....	323	12	9
962	4	44	3	3	3	31	132	80	1	.....	84	103	13	24	124	36	45	.....	226	6	
5,579	7	205	11	4	2	161	1,064	493	4	191	547	.....	.....	151	587	345	224	.....	1,555	28	10
6,337	14	171	11	9	2	207	1,139	498	2	372	643	79	.....	145	691	271	480	.....	1,567	35	
205	3	10	2	1	.....	3	42	18	.....	3	16	.....	.....	7	28	13	4	.....	54	1	11
201	1	6	1	1	1	8	32	14	.....	12	20	5	.....	2	25	12	11	.....	50	.....	
80	.....	4	.....	.....	.....	2	10	6	.....	1	12	.....	.....	3	12	4	6	.....	19	1	12
53	.....	.....	.....	2	.....	3	11	3	.....	3	6	.....	1	.....	6	4	2	.....	10	2	
3,413	.....	193	16	7	3	91	600	228	.....	1	155	383	.....	122	374	198	87	.....	928	27	13
2,547	2	143	10	8	6	94	325	175	.....	1	198	328	52	53	286	105	113	.....	638	10	
71	.....	10	.....	1	.....	4	13	5	.....	.....	3	2	.....	.....	5	6	1	.....	21	.....	14
17	.....	.....	.....	.....	.....	.....	5	2	.....	.....	4	.....	.....	1	1	1	.....	.....	3	.....	
209	.....	11	3	3	3	1	42	28	1	.....	5	16	.....	1	15	10	4	.....	65	1	15
114	.....	6	1	.....	4	4	14	18	.....	.....	5	9	10	1	5	10	3	.....	27	1	
342	1	16	2	2	.....	9	82	32	.....	.....	9	32	.....	9	34	14	6	.....	90	4	16
213	1	8	2	1	1	3	38	15	.....	.....	12	21	4	5	22	11	6	.....	62	1	
1,697	4	43	4	5	3	43	338	114	1	1	51	160	.....	27	175	119	32	.....	538	39	17
1,104	7	21	4	7	4	36	224	73	2	.....	46	101	9	13	136	60	50	.....	295	20	
7,078	120	185	28	134	187	464	833	442	31	32	141	448	20	86	1,163	215	99	373	2,044	33	18
3,608	55	95	14	64	95	221	414	215	14	15	45	232	.....	47	628	113	31	222	1,068	20	19
3,470	65	90	14	70	92	243	419	227	17	17	96	216	20	39	535	102	68	151	976	13	
6,916	120	184	26	133	187	456	806	424	31	31	137	441	19	86	1,138	211	95	363	1,998	30	21
5,942	117	155	20	131	185	428	647	363	31	31	88	318	14	55	1,021	157	61	363	1,737	20	22
451	.....	11	2	1	1	14	81	28	.....	.....	13	60	.....	17	52	23	15	.....	127	6	23
439	2	16	2	1	.....	13	73	29	.....	.....	33	55	5	11	51	27	17	.....	103	1	
162	.....	1	2	1	.....	8	27	18	.....	1	4	7	1	.....	25	4	4	10	46	3	24
3,110	55	83	11	63	93	207	333	186	14	15	32	164	.....	29	568	86	14	222	923	12	25
2,991	62	73	11	69	92	229	341	194	17	17	60	159	15	26	478	75	51	151	860	11	
38	.....	1	.....	.....	.....	1	8	3	.....	.....	.....	12	.....	2	5	.....	1	.....	5	.....	26
40	.....	.....	.....	.....	.....	2	6	2	.....	.....	2	6	1	1	8	2	1	.....	7	1	
239	.....	4	.....	.....	.....	6	43	16	.....	.....	8	23	.....	10	25	12	9	.....	80	3	27
280	1	7	2	.....	.....	7	54	19	.....	.....	16	40	2	8	30	23	10	.....	70	.....	
141	.....	7	1	1	1	5	21	8	.....	.....	3	23	.....	5	20	7	3	.....	33	3	28
96	.....	8	.....	1	.....	3	10	7	.....	.....	13	8	2	2	11	2	5	.....	24	.....	
4,600	66	100	0	76	117	324	581	357	27	19	88	300	20	54	724	137	87	278	1,269	18	29
2,340	37	64	3	34	58	159	301	183	16	7	32	148	.....	36	373	71	22	150	635	11	30
2,320	29	45	0	42	59	165	280	174	11	12	56	152	20	18	351	66	65	128	634	7	
4,580	66	108	9	75	117	319	570	346	26	17	87	292	20	54	710	133	87	275	1,251	18	32
3,694	64	78	9	75	115	291	418	263	25	17	50	187	11	33	615	92	39	275	1,025	12	33
436	2	10	.....	2	.....	9	81	40	.....	.....	17	54	.....	12	43	23	15	.....	117	1	34
407	.....	11	.....	.....	.....	18	59	39	.....	.....	19	44	9	9	46	17	33	.....	101	2	
80	.....	1	.....	1	.....	5	11	11	1	2	1	8	.....	.....	14	4	.....	3	18	.....	35
1,877	35	45	3	34	56	150	212	140	15	7	14	91	.....	24	326	48	7	.....	513	7	
1,894	29	34	6	42	59	146	215	134	11	12	37	104	11	9	303	48	39	.....	.....	.....	36
18	.....	.....	.....	.....	.....	1	2	1	.....	.....	.....	5	.....	.....	2	.....	4	.....	.....	.....	
22	.....	.....	.....	.....	.....	1	2	1	.....	.....	4	2	.....	1	.....	26	.....	.....	.....	.....	37
251	1	9	.....	1	.....	4	50	27	.....	.....	10	28	.....	1	.....	33	.....	.....	.....	.....	
279	.....	7	.....	.....	.....	12	42	26	.....	.....	12	34	4	.....	.....	11	.....	.....	.....	.....	38
75	.....	4	.....	.....	.....	2	11	5	.....	.....	5	12	.....	.....	.....	.....	.....	.....	.....	.....	
41	.....	2	.....	.....	.....	.....	12	2	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	39
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	





CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, ETC.—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Childbirth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
2,956	44	48	6	64	75	216	365	233	14	14	58	170	15	39	449	91	49	192	803	11
1,505	21	26	5	20	37	111	187	123	6	5	14	74	15	21	237	52	19	117	416	5
1,451	23	22	1	35	38	105	178	110	8	9	44	96	15	18	212	39	30	75	387	6
2,636	44	45	6	63	73	204	341	221	14	12	56	160	15	39	440	89	46	183	774	11
2,218	44	33	4	59	71	190	229	178	14	12	31	97	10	27	358	60	18	183	593	7
284	5	2	2	2	2	8	56	22			8	26		7	33	15	13		84	1
300	7	1	1	1		4	50	20			17	36	4	5	45	12	14		82	3
120	3			1	2	12	24	12		2	2	10			9	2	3	9	29	
1,203	21	21	3	27	35	103	128	100	6	5	6	47		14	202	35	6	117	323	4
1,134	23	15	1	33	38	99	124	90	8	9	27	60	10	13	165	27	15	75	299	3
9							2	1				2			3	1			1	1
15							3					2			1	5			3	
165	2					8	39	12			4	10		4	19	9	7		51	
208	3	3		1		3	33	17			15	22	3	3	34	7	12		54	1
46	1			1		6	6	3			3	8		1	5	2	1		15	
40						9	9	1			1	6		1	4	2	2		13	1
4,046	39	72	15	90	101	299	527	354	32	16	66	233	16	43	543	136	55	275	1,122	12
2,100	22	38	9	41	52	148	288	185	11	6	30	128		20	276	74	16	155	585	7
1,946	17	34	6	49	49	151	239	169	21	10	36	105	16	14	267	62	39	120	537	5
3,346	34	61	11	83	98	257	412	296	31	10	60	189	14	39	453	111	47	230	900	10
2,633	32	44	9	78	94	245	273	237	30	10	28	105	4	18	396	58	22	230	715	5
358	8	2	3	3	1	5	63	33			19	41		14	36	21	8		100	4
265	1	6	1	1	3	5	44	21			12	35	10	5	20	22	17		62	1
700	5	11	4	7	3	42	115	58	1	6	6	44	2	4	90	25	8	45	222	2
1,677	22	28	7	37	51	141	201	152	11	6	10	83		15	238	44	8	155	465	3
1,628	15	27	6	48	46	145	178	143	20	10	24	66	6	7	244	32	22	120	465	4
17					1		4	1			1	1		1	4				4	
5							1	1				2			2	1			1	
193	3	1			3	35	17	17			11	23		7	14	13	7		57	2
178	1	5			4	34	14	14			6	24		4	10	11	15		49	1
80	1	1	1		1	10	8	8			5	11		5	10	5	1		22	
40				1	2	1	6				5	6	5		5	3	2		4	
3,078	29	42	6	51	49	178	502	250	18	6	61	250	11	29	388	115	45	184	848	16
1,596	14	31	3	21	28	83	271	129	5	4	16	122		16	203	71	11	100	451	8
1,482	15	11	3	30	21	95	231	121	13	2	45	128	11	13	185	44	34	75	397	8
2,358	27	37	5	44	41	145	374	183	18	3	51	108	8	28	300	80	37	140	659	10
1,828	27	31	3	40	41	137	252	145	18	3	30	107	3	17	249	45	21	140	512	7
252	6	2				3	63	17			7	24		8	31	17	6		67	1
208				3		4	45	19			12	28	4	3	17	10	9		53	1
720	2	5	1	7	8	33	128	67		3	10	82	3	1	88	35	8	44	189	6
1,282	14	24	1	21	28	80	197	108	5	4	8	89		8	164	47	5	109	364	6
1,226	15	11	3	26	21	90	174	100	13	2	30	93	6	10	166	29	24	75	333	5
20							5	1			1	2		1	2	1			7	
129							4	1				1		1	1				3	
141	1	1				2	33	11			3	12		4	14	11	5		31	1
62						3	31	15			5	17	3	2	12	6	0		38	
33	2	1				14	2	2			3	5		1	8	5			21	
				1		5	1	1			6	5	1		4	3			7	
1,416	16	30	5	34	31	87	228	99	8	9	31	86	7	26	166	58	19	74	395	7
729	6	15	2	15	21	40	137	61	5	4	10	38		13	76	31	5	39	206	5
687	10	15	3	19	10	47	91	38	3	5	21	48	7	13	90	27	14	35	189	2
1,372	16	30	5	34	31	85	218	93	8	9	31	84	7	25	161	57	19	73	379	7
1,029	16	20	3	33	31	71	138	65	7	9	18	46	5	16	135	38	6	73	294	5
143	3	1			8	38	12	12	1		4	12		4	12	9	2			
152	6	1	1		5	25	11	11			7	20	2	4	14	8	11			
44					2	10	6	6				2			1	5	1		1	
544	6	11	1	15	21	31	83	44	4	4	5	21		5	64	21	3	30		
521	10	9	2	18	10	42	61	26	3	5	13	27		5	76	18	3			
17	1						4	1	1			27			2	3				
5							2					7			1	1				
68							19	5			1	3			1	5				
89	1	1	1	1		5	20	5			3	4			7	2				
45	1					3	10	3			3	11			4	6				
52	4	1				1	2	5			3	4			4	4				

TABLE 81.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Unknown.
1	Ward 7.....	4,978	659	256	191	150	1,256	1,809	234	343	1,730	790	72
2	Males.....	2,349	334	124	90	64	621	897	109	166	833	306	38
3	Females.....	2,629	325	132	92	86	635	912	125	177	897	484	34
4	White.....	3,225	371	142	103	91	707	1,044	139	215	1,148	625	54
5	Native born.....	2,441	370	142	101	91	704	1,039	133	176	708	351	34
6	Foreign born.....	{ M. 296 F. 386			1		1	2		19	189	80	6
7	Colored.....	1,753	288	114	88	59	549	765	95	128	582	165	18
8	Birthplaces of persons:												
9	United States.....	{ M. 1,985 F. 2,181	333	124	98	64	610	893	108	142	606	207	29
10	England and Wales.....	{ M. 32 F. 13			1		1	1		8	18	9	1
11	Ireland.....	{ M. 204 F. 330			1		1			2	7	3	
12	Germany.....	{ M. 26 F. 24							1	10	127	63	4
13	Ward 8.....	2,775	302	90	62	58	521	739	109	219	1,048	592	68
14	Males.....	1,485	166	52	33	33	284	397	54	122	608	274	30
15	Females.....	1,290	136	47	29	25	237	342	55	97	440	318	38
16	White.....	2,191	215	60	37	36	348	498	76	168	855	533	61
17	Native born.....	1,703	214	58	37	34	348	492	71	136	590	364	50
18	Foreign born.....	{ M. 220 F. 158		1		1	2	2	2	19	135	61	1
19	Colored.....	584	87	39	25	22	173	241	33	51	193	59	7
20	Birthplaces of persons:												
21	United States.....	{ M. 1,198 F. 1,074	165	51	33	32	281	394	52	100	432	193	27
22	England and Wales.....	{ M. 22 F. 13		1		1	2	2	1	1	13	5	
23	Ireland.....	{ M. 141 F. 123								2	4	6	
24	Germany.....	{ M. 28 F. 11								13	86	42	
25	Ward 9.....	1,655	179	65	53	41	338	477	54	121	662	302	39
26	Males.....	884	102	41	26	22	191	266	18	64	375	138	23
27	Females.....	771	77	24	27	19	147	211	36	57	287	164	16
28	White.....	1,179	165	62	48	41	316	443	51	112	618	298	37
29	Native born.....	1,247	165	62	47	41	315	441	49	92	439	199	27
30	Foreign born.....	{ M. 142 F. 133			1		1	1	1	10	92	36	3
31	Colored.....	76	14	3	5		22	34	3	9	24	4	2
32	Birthplaces of persons:												
33	United States.....	{ M. 708 F. 609	102	41	26	22	191	265	18	53	267	88	17
34	England and Wales.....	{ M. 15 F. 8							1	2	9	5	1
35	Ireland.....	{ M. 93 F. 114			1		1	1		7	57	28	1
36	Germany.....	{ M. 18 F. 7						1		4	70	37	2
37	Ward 10.....	2,709	341	125	79	80	625	851	116	171	986	543	42
38	Males.....	1,338	185	65	42	38	330	446	50	85	521	212	24
39	Females.....	1,371	156	60	37	42	295	405	66	86	465	331	18
40	White.....	2,014	329	118	76	75	598	809	114	163	948	539	41
41	Native born.....	2,130	329	118	76	75	598	807	112	141	672	365	33
42	Foreign born.....	{ M. 193 F. 221							1	8	125	56	3
43	Colored.....	96	12	7	3	5	27	42	2	8	38	4	1
44	Birthplaces of persons:												



**TABLE 81.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT**

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		All ages.	AGE.										
			Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un-known.
1	Ward 11 .....	2,394	418	115	104	72	709	981	84	175	868	260	26
2	Males .....	1,327	225	59	51	39	374	521	45	88	537	123	13
3	Females .....	1,067	193	56	53	33	335	460	39	87	331	137	13
4	White .....	2,320	394	114	99	70	677	944	82	168	846	254	26
5	Native born .....	1,756	393	111	99	69	672	937	81	123	468	131	16
6	Foreign born .....	{ M. 224				1	1	1		21	154	48	
	{ F. 216							2		17	133	63	1
7	Colored .....	74	24	1	5	2	32	37	2	7	22	6	
	Birthplaces of persons:												
8	United States .....	{ M. 1,001	225	58	51	38	372	519	44	62	301	66	2
	{ F. 824		192	54	53	33	332	455	39	68	185	70	7
9	England and Wales .....	{ M. 10								2	6	2	
	{ F. 1											1	
10	Ireland .....	{ M. 73									49	17	
	{ F. 89									6	61	22	
11	Germany .....	{ M. 125				1	1	1		11	84	29	
	{ F. 118							2		10	66	39	1
12	Ward 12 .....	2,009	315	104	71	61	551	761	81	133	681	341	12
13	Males .....	1,065	166	55	39	30	290	415	38	68	374	164	6
14	Females .....	944	149	49	32	31	261	346	43	65	307	177	6
15	White .....	1,910	302	99	66	57	524	724	71	123	651	329	12
16	Native born .....	1,490	301	99	65	57	522	720	69	101	390	198	12
17	Foreign born .....	{ M. 220	1				1	2		9	144	65	
	{ F. 175							1		8	99	65	
18	Colored .....	99	13	5	5	4	27	37	10	10	30	12	
	Birthplaces of persons:												
19	United States .....	{ M. 831	165	55	30	30	289	413	38	58	217	99	6
	{ F. 751		149	49	31	31	260	344	41	53	198	109	6
20	England and Wales .....	{ M. 14									8	6	
	{ F. 5									1	4		
21	Ireland .....	{ M. 38									28	9	
	{ F. 42									4	24	14	
22	Germany .....	{ M. 158	1				1	2		8	101	47	
	{ F. 120							1		2	64	50	
23	Ward 13 .....	2,382	391	161	99	62	713	925	91	136	756	455	19
24	Males .....	1,187	215	82	43	29	369	485	42	64	387	199	10
25	Females .....	1,195	176	79	56	33	344	440	49	72	369	256	9
26	White .....	2,277	370	152	93	58	673	869	90	130	723	446	19
27	Native born .....	1,937	364	151	93	56	664	858	88	111	538	331	11
28	Foreign born .....	{ M. 155				1	1	2	1	9	96	44	3
	{ F. 155								1	8	79	66	1
29	Colored .....	105	21	9	6	4	40	56	1	6	33	9	
	Birthplaces of persons:												
30	United States .....	{ M. 1,009	211	81	43	28	363	478	41	52	280	153	5
	{ F. 1,024		173	79	56	32	340	435	48	64	285	186	6
31	England and Wales .....	{ M. 17				1	1	2		1	9	5	
	{ F. 11										6	5	
32	Ireland .....	{ M. 33							1		21	10	1
	{ F. 60								1	1	30	28	
33	Germany .....	{ M. 99									63	27	1
	{ F. 73									5	37	30	1
34	Ward 14 .....	2,873	423	143	110	73	749	1,040	125	199	922	547	40
		1,483	231	82	60	33	406	562	82	104	490	236	19
							343	478	43	95	442	311	21
							676	931	116	183	875	580	35
							674	926	114	157	620	393	28
									1	16	118	61	4
								2	1	9	115	67	2
							73	109	9	16	47	17	5
							404	560	81	88	348	172	15
							3	475	42	85	319	238	17
									1	10	9	9	
										8	5	5	
										4	43	21	8

CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, ETC.—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Childbirth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
2,394	20	70	6	42	60	174	257	156	6	5	59	140	8	35	278	68	23	141	825	21
1,327	14	32	5	24	36	84	126	91	4	3	21	70	.....	17	142	37	7	78	523	13
1,067	6	38	1	18	24	90	131	65	2	2	38	70	8	18	136	31	16	63	302	8
2,320	20	68	6	42	60	171	253	151	5	5	59	133	8	35	273	65	22	133	791	20
1,756	20	44	4	42	59	155	161	121	5	5	22	70	5	22	232	46	8	133	588	14
224	.....	11	1	.....	.....	3	37	15	.....	.....	12	27	.....	6	18	6	3	.....	83	.....
216	.....	12	1	.....	.....	9	44	10	.....	.....	23	27	2	4	15	8	11	.....	50	.....
74	.....	2	.....	.....	.....	3	4	5	1	.....	.....	7	.....	.....	5	3	1	8	34	1
1,001	14	20	4	24	36	78	82	70	4	3	8	34	.....	9	117	26	4	78	380	10
824	6	26	.....	18	23	80	83	55	2	2	14	42	5	13	119	23	5	63	240	5
10	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	6	.....
73	.....	1	.....	.....	.....	1	9	7	.....	.....	5	8	.....	1	7	1	1	.....	31	.....
89	.....	4	.....	.....	.....	28	4	4	.....	.....	9	9	.....	1	6	3	3	.....	22	.....
125	.....	9	.....	.....	.....	2	24	5	.....	.....	7	16	.....	4	10	5	2	.....	40	.....
118	.....	8	1	.....	.....	9	13	6	.....	.....	12	18	2	3	8	4	8	.....	26	.....
2,000	15	54	7	44	44	133	270	132	6	1	60	129	9	22	304	75	47	114	537	6
1,085	9	32	4	24	30	65	153	69	5	1	19	63	.....	13	173	44	15	62	281	3
844	6	22	3	20	14	68	117	63	1	.....	41	66	9	9	131	31	32	52	256	3
1,910	15	51	7	41	42	126	251	118	6	1	59	122	8	22	297	73	41	109	515	6
1,490	15	35	2	40	41	117	177	81	6	1	33	82	5	11	248	53	23	109	407	4
220	.....	8	2	.....	4	39	18	.....	.....	.....	9	20	.....	7	28	15	8	.....	61	1
175	.....	6	3	1	4	29	15	.....	.....	.....	17	18	2	4	18	5	10	.....	41	1
90	.....	3	.....	3	2	7	19	14	.....	.....	1	7	1	.....	7	2	6	5	22	.....
831	9	22	2	24	30	61	108	49	5	1	10	42	.....	6	144	29	7	62	218	2
751	6	16	.....	19	13	63	84	46	1	.....	24	46	6	5	111	26	22	52	209	2
14	.....	.....	.....	.....	.....	1	1	2	.....	.....	2	2	.....	1	1	1	1	.....	5	.....
5	.....	1	.....	.....	.....	.....	9	5	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....
38	.....	.....	.....	.....	.....	2	7	5	.....	.....	4	3	.....	1	3	2	1	.....	14	.....
42	.....	.....	.....	.....	.....	2	7	5	.....	.....	4	2	.....	1	4	1	1	.....	15	.....
158	.....	8	2	.....	4	28	11	.....	.....	.....	9	14	.....	5	23	11	4	.....	38	1
120	.....	5	2	1	1	1	20	10	.....	.....	10	15	2	3	14	3	8	.....	24	1
2,382	22	56	4	41	49	149	284	160	2	19	77	178	9	31	324	81	57	112	723	13
1,187	10	25	.....	15	18	70	170	74	.....	8	28	82	.....	19	160	43	20	63	378	4
1,195	12	31	4	26	22	79	114	86	2	11	49	96	9	12	164	38	37	49	345	9
2,277	21	52	3	41	40	139	269	152	2	16	76	169	9	31	315	78	55	105	691	13
1,937	21	42	3	41	39	131	211	129	2	16	54	128	9	24	277	59	37	105	602	7
155	.....	5	.....	.....	1	2	39	9	.....	.....	12	17	.....	4	21	8	4	.....	31	2
155	.....	5	.....	.....	.....	2	14	10	.....	.....	10	24	.....	2	15	8	13	.....	49	3
105	1	4	1	.....	.....	10	15	8	.....	3	1	9	.....	.....	9	3	2	7	32	.....
1,009	10	19	.....	15	17	67	125	64	.....	8	16	64	.....	15	138	33	15	63	339	1
1,024	12	25	4	26	22	74	99	73	2	11	39	71	9	9	147	29	24	49	293	6
17	.....	.....	.....	.....	1	1	7	.....	.....	.....	1	1	.....	.....	2	1	.....	.....	3	.....
11	.....	.....	.....	.....	.....	1	3	.....	.....	.....	.....	1	.....	.....	1	2	1	.....	1	.....
33	.....	3	.....	.....	.....	1	8	1	.....	.....	6	.....	.....	.....	2	2	1	.....	9	.....
60	.....	1	.....	.....	.....	1	9	4	.....	.....	3	6	.....	1	6	1	8	.....	19	1
99	.....	2	.....	.....	.....	22	7	.....	.....	.....	5	15	.....	4	17	5	3	.....	17	2
73	.....	3	.....	.....	.....	1	3	3	.....	.....	6	15	.....	1	7	6	1	.....	26	1
2,873	37	101	6	61	37	187	408	214	12	11	86	212	9	40	382	108	79	143	726	14
1,483	16	59	4	35	25	96	198	102	7	3	31	108	.....	27	200	69	31	84	380	8
1,390	21	42	2	26	12	91	210	112	5	8	55	104	9	13	182	39	48	59	346	6
2,670	37	93	6	58	35	178	383	192	12	10	86	203	9	40	344	102	73	131	665	13
2,238	37	74	5	57	35	170	302	160	12	10	67	153	7	31	298	73	54	131	551	11
200	.....	12	1	.....	.....	2	31	16	.....	.....	8	30	.....	.....	18	18	9	.....	47	.....
196	.....	7	.....	1	.....	3	39	15	.....	.....	11	18	2	.....	7	23	7	9	.....	.....
208	.....	8	.....	3	2	9	25	22	.....	1	.....	9	.....	.....	38	6	6	12	.....	.....
1,264	16	47	3	35	25	92	160	86	.....	3	23	77	.....	19	181	48	22	84	.....	.....
1,176	21	35	2	25	12	87	167	96	.....	8	44	85	.....	7	154	31	38	50	.....	.....
20	.....	1	1	.....	.....	3	3	2	.....	.....	1	3	.....	.....	2	1	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	1	12	8	.....	.....	2	14	.....	.....	1	6	.....	.....	.....	.....
71	.....	.....	.....	.....	.....	2	27	9	.....	.....	6	7	.....	.....	10	7	4	.....	.....	.....
104	.....	3	.....	.....	.....	1	13	5	.....	.....	4	11	.....	.....	5	7	3	.....	.....	.....
84	.....	4	.....	1	.....	1	8	5	.....	.....	4	10	.....	.....	2	8	.....	.....	.....	.....
72	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 81.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un-known.
1	Ward 15 .....	6,470	925	261	202	162	1,550	2,285	283	497	2,271	1,051	83
2	Males .....	3,315	503	129	113	90	835	1,227	152	262	1,181	454	39
3	Females .....	3,155	422	132	89	72	715	1,058	131	235	1,090	597	44
4	White .....	6,256	897	253	196	154	1,500	2,214	265	458	2,205	1,034	80
5	Native born .....	5,095	896	252	196	154	1,498	2,200	257	379	1,501	701	57
6	Foreign born .....	{ M. 518						7	2	36	325	140	8
	{ F. 533		1			1		4	5	37	317	163	7
7	Colored .....	214	28	8	6	8	50	71	18	39	66	17	3
	Birthplaces of persons:												
8	United States .....	{ M. 2,718	503	129	113	90	835	1,218	149	219	806	298	28
	{ F. 2,580	421	131	89	72	713	1,053	126	198	752	419	32	
9	England and Wales .....	{ M. 28									17	10	1
	{ F. 35									2	25	7	
10	Ireland .....	{ M. 345						3	1	23	221	92	5
	{ F. 388							3	1	30	226	122	6
11	Germany .....	{ M. 106						3		7	68	27	1
	{ F. 84		1			1	1			4	53	26	
12	Ward 16 .....	3,071	491	183	144	126	944	1,333	140	204	976	389	29
13	Males .....	1,604	266	92	74	64	496	691	73	98	546	180	16
14	Females .....	1,467	225	91	70	62	448	642	67	106	430	209	13
15	White .....	3,078	485	183	143	126	937	1,323	138	198	964	386	29
16	Native born .....	2,392	485	183	142	125	935	1,315	136	165	536	221	19
17	Foreign born .....	{ M. 336			1		1	3		15	237	75	6
	{ F. 274							3	2	18	163	84	4
18	Colored .....	33	6		1		7	10	2	6	12	3	
	Birthplaces of persons:												
19	United States .....	{ M. 1,242	266	92	73	64	495	687	73	83	289	100	10
	{ F. 1,183	225	91	70	61	447	638	65	88	259	124	9	
20	England and Wales .....	{ M. 12			1		1	2		1	8	1	
	{ F. 5									2	2	1	
21	Ireland .....	{ M. 70								3	46	21	
	{ F. 76								1	5	42	25	3
22	Germany .....	{ M. 242						1		11	173	51	6
	{ F. 185							2	1	11	114	56	1
23	Ward 17 .....	3,628	584	261	157	133	1,135	1,648	171	248	1,095	428	38
24	Males .....	1,875	312	133	91	74	610	888	87	129	571	183	17
25	Females .....	1,753	272	128	66	59	525	760	84	119	524	245	21
26	White .....	3,572	572	259	155	130	1,116	1,620	169	245	1,077	423	38
27	Native born .....	2,760	572	259	155	129	1,115	1,615	165	201	573	182	24
28	Foreign born .....	{ M. 377						1	2	21	246	97	10
	{ F. 401							1	1	20	242	133	4
29	Colored .....	56	12	2	2	3	19	28	2	3	18	5	
	Birthplaces of persons:												
30	United States .....	{ M. 1,481	312	133	91	73	609	885	85	106	319	79	7
	{ F. 1,333	272	128	66	59	525	758	82	98	271	107	17	
31	England and Wales .....	{ M. 22								3	16	3	
	{ F. 9									1	5	3	
32	Ireland .....	{ M. 159								10	94	48	7
	{ F. 224									14	138	70	2
33	Germany .....	{ M. 188						1	2	7	129	46	3
	{ F. 157							1	1	4	94	56	1
34	Ward 18 .....	4,475	687	238	169	150	1,244	1,950	210	291	1,321	650	44
35	Males .....	2,280	394	120	82	74	670	1,003	103	135	717	297	25
36	Females .....	2,195	293	118	87	76	574	956	107	156	604	353	19
37	White .....	4,462	685	238	169	149	1,241	1,955	200	290	1,316	648	44
38	Native born .....	3,808	685	236	169	147	1,237	1,943	204	242	913	475	31
39	Foreign born .....	{ M. 327						4	2	20	209	88	4
	{ F. 288		1			1	2	5	3	23	170	84	3
40	Colored .....	13	2			1	3	4	1	1	5	2	
	Birthplaces of persons:												
41	United States .....	{ M. 1,929	394	120	82	74	670						16
	{ F. 1,500												



CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, ETC.—Continued.

CAUSE OF DEATH.																					
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.	
6,470	44	188	30	163	118	363	887	461	42	24	192	454	28	93	793	229	135	320	1,870	86	1
3,315	24	105	18	77	64	193	477	230	23	10	60	219	28	45	424	128	45	184	970	19	2
3,155	20	83	12	86	54	170	410	231	19	14	132	235	28	48	369	101	90	186	900	17	3
6,256	43	185	29	161	118	354	817	446	40	24	191	433	26	92	760	226	134	311	1,821	36	4
5,095	42	141	25	158	117	327	612	371	39	23	138	311	19	52	620	157	84	311	1,514	25	5
518	1	24	3	3		9	81	33		1	17	52		19	63	45	16		148	3	6
533		16	1		1	15	100	36	1		30	64	7	19	59	19	31		128	6	6
214	1	3	1	2		9	70	15	2		1	21	2	1	24	3	1	9	49		7
2,718	23	78	14	74	64	182	374	192	23	9	40	162		25	350	81	28	184	801	14	8
2,580	20	66	11	86	53	154	303	183	18	14	99	169	21	28	303	79	57	136	759	11	8
28						1	4	1		1	2	1	1	1	5	5	1		6		9
35						7	3	3			6	4	1	2	3				9		9
345	1	15	3			6	60	24			9	32		12	39	25	14		104	1	10
388		15	1			11	74	27	1		11	49	6	12	42	15	25		93	6	10
106		7		2		1	11	5			5	14		5	12	13	1		28	2	11
84		1				3	14	3			12	9		5	10	3	5		19		11
3,071	28	159	13	46	67	309	323	196	11	18	73	184	12	39	478	85	44	158	816	12	12
1,604	9	84	7	16	36	158	186	98	2	4	21	89		24	248	51	16	93	454	8	13
1,467	19	75	6	30	31	151	137	98	9	14	52	95	12	15	230	34	28	65	362	4	14
3,038	28	158	13	46	67	307	317	195	11	18	72	181	12	39	475	84	43	157	803	12	15
2,392	28	113	13	46	65	282	209	154	10	18	38	113	6	21	395	60	23	157	630	11	16
336		25				12	67	18			12	35		10	38	9	8		101	1	17
274		20			2	11	30	22			20	38	6	8	39	9	12		62		17
33		1				2	6	1			1	3			3	1	1	1	13		18
1,242	9	59	7	16	36	144	111	79	2	4	9	54		14	208	37	8	93	345	7	19
1,183	19	55	6	30	29	140	104	76	8	14	30	62	6	7	190	24	16	65	298	4	19
12		2				1								2	3				4		20
5		1						1							1				2		20
70		3				2	14	8			3	2		2	11	3	4		18		21
76		3				3	11	6			5	8	1	2	9	3	6		20		21
242		19				8	52	8			9	32		6	23	6	4		74	1	22
185		16			2	9	16	14			15	23	5	5	28	6	6		40		22
3,028	31	143	20	79	74	271	423	230	21	23	81	195	12	60	522	97	57	175	1,104	10	23
1,875	19	69	13	35	39	136	237	114	11	15	18	96		37	267	58	25	89	592	5	24
1,753	12	74	7	44	35	135	186	116	10	8	63	99	12	23	255	39	32	86	512	5	25
3,572	31	142	20	78	74	271	411	219	21	22	80	190	12	60	515	95	57	172	1,092	10	26
2,760	31	85	13	76	74	235	281	162	21	22	39	106	9	38	433	57	25	172	874	7	27
377		33	6			13	71	23			11	38		13	32	19	12		104	2	28
401		24	1	1		20	53	31			29	41	3	9	46	18	20		104	1	28
56		1		1			12	11		1	1	5			7	2		3	12		29
1,481	19	36	7	34	39	121	161	90	11	15	7	55		24	235	39	13	89	483	3	30
1,333	12	50	6	43	35	114	131	83	10	8	33	56	9	14	205	19	12	86	403	4	30
22		4				1	2	2				3			2	1			7		31
9		2				2						2							2		31
159		14	1			4	24	9			4	19		3	11	11	9		49	1	32
224		11				7	35	10			13	24	1	7	27	15	12		56		32
188		14	5			8	42	12			7	16		9	19	7	3		45	1	33
157		10	1	1		11	14	15			16	17	2	2	17	3	7		43		33
4,475	40	142	16	110	79	317	534	266	32	34	90	265	15	48	689	106	79	198	1,399	16	34
2,280	22	75	4	49	40	156	270	138	19	11	30	128		25	362	65	32	131	713	10	35
2,195	18	67	12	61	39	161	264	128	13	23	60	137	15	23	327	41	47	67	686	6	36
4,462	40	141	16	110	79	317	531	265	32	34	90	265	15	48	685	106	79	197	1,396	16	37
3,808	40	109	14	108	79	287	418	213	31	34	63	202	10	33	608	75	58	107	1,221	8	38
327		16		1		19	57	26			10	31		6	41	21	11		85	3	39
288		13	2	1		10	46	21		1	16	31	5	8	33	9	10		80	2	39
		1					3	1							4			1	3		40

TABLE 81.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		AGE.												
		All ages.	Months.					Years.						
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un-known.	
1	Ward 19.....	7,788	1,317	452	352	311	2,432	3,569	396	615	2,347	803	58	
2	Males.....	4,006	723	227	178	151	1,279	1,847	185	302	1,282	386	24	
3	Females.....	3,782	594	225	174	160	1,153	1,722	211	313	1,065	417	34	
4	White.....	7,701	1,308	449	343	306	2,406	3,526	390	612	2,323	793	57	
5	Native born.....	6,146	1,305	448	342	304	2,399	3,506	373	498	1,336	385	48	
6	Foreign born.....	{ M 794 F 682	1 1	1 1	1 2	2 4	2 4	6 8	7 10	54 55	537 403	187 202	3 4	
7	Colored.....	87	9	3	9	5	26	43	6	3	24	10	1	
8	Birthplaces of persons:													
9	United States.....	{ M 3,166 F 3,062	721 593	227 224	177 174	151 158	1,276 1,149	1,839 1,710	178 201	244 257	693 664	191 202	21 28	
10	England and Wales.....	{ M 101 F 75	.....	.....	1 .....	.....	1 2	3 4	3 1	11 9	72 43	12 18	.....	
11	Ireland.....	{ M 249 F 279	.....	.....	.....	.....	.....	1 4	1 24	17 24	159 159	68 88	3 3	
12	Germany.....	{ M 403 F 297	1 .....	.....	.....	.....	1 1	2 2	2 4	23 18	272 184	104 89	.....	
13	Ward 20.....	5,744	789	269	191	131	1,380	1,982	301	429	1,900	1,065	67	
14	Males.....	2,931	460	139	102	65	766	1,086	152	205	1,002	448	38	
15	Females.....	2,813	329	130	89	66	614	896	149	224	898	617	29	
16	White.....	5,565	767	260	184	123	1,334	1,912	286	416	1,852	1,056	63	
17	Native born.....	4,591	766	260	183	122	1,331	1,903	276	365	1,306	695	46	
18	Foreign born.....	{ M 441 F 452	.....	.....	.....	.....	.....	3 6	2 6	24 22	266 232	141 188	5 4	
19	Colored.....	159	22	9	7	8	46	70	15	13	48	9	4	
20	Birthplaces of persons:													
21	United States.....	{ M 2,433 F 2,316	460 328	139 130	101 89	64 66	764 613	1,080 893	149 142	180 198	707 646	289 415	28 22	
22	England and Wales.....	{ M 89 F 33	.....	.....	.....	.....	.....	.....	.....	1 1	25 18	13 19	.....	
23	Ireland.....	{ M 146 F 197	.....	.....	.....	.....	.....	.....	10 9	88 111	45 72	3 4	.....	
24	Germany.....	{ M 212 F 202	.....	.....	.....	.....	.....	3 4	12 10	145 96	80 90	2 .....	.....	
25	Ward 21.....	3,000	453	158	131	102	844	1,217	201	218	828	476	60	
26	Males.....	1,474	234	74	67	43	418	614	101	104	407	216	35	
27	Females.....	1,526	219	84	64	59	426	603	100	117	421	260	25	
28	White.....	2,969	447	156	129	102	834	1,203	201	215	817	474	59	
29	Native born.....	2,455	446	155	129	102	832	1,198	195	182	545	291	44	
30	Foreign born.....	{ M 228 F 258	.....	.....	.....	.....	.....	1 2	3 2	15 16	126 131	75 101	8 6	
31	Colored.....	31	6	2	2	.....	10	14	.....	3	11	2	1	
32	Birthplaces of persons:													
33	United States.....	{ M 1,232 F 1,253	223 219	74 83	67 64	43 59	417 425	612 600	97 98	85 100	272 283	140 153	26 19	
34	England and Wales.....	{ M 71 F 60	.....	.....	.....	.....	.....	1 2	1 6	8 26	32 26	25 22	4 4	
35	Ireland.....	{ M 95 F 134	.....	.....	.....	.....	.....	.....	1 8	6 70	62 53	24 53	2 2	
36	Germany.....	{ M 50 F 49	.....	.....	.....	.....	.....	1 1	1 1	24 26	22 21	2 .....	.....	
37	Ward 22.....	4,543	644	234	170	140	1,188	1,619	191	352	1,335	952	94	
38	Males.....	2,244	360	126	87	74	647	849	107	165	653	430	40	
39	Females.....	2,299	284	108	83	66	541	770	84	187	682	522	54	
40	White.....	4,373	609	221	160	137	1,127	1,535	177	388	1,294	940	89	
41	Native born.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
42	Foreign born.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
43	Colored.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
44	Birthplaces of persons:													
45	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
46	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
47	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
48	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
49	Birthplaces of persons:													
50	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
51	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
52	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
53	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
54	Birthplaces of persons:													
55	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
56	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
57	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
58	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
59	Birthplaces of persons:													
60	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
61	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
62	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
63	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
64	Birthplaces of persons:													
65	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
66	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
67	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
68	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
69	Birthplaces of persons:													
70	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
71	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
72	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
73	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
74	Birthplaces of persons:													
75	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
76	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
77	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
78	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
79	Birthplaces of persons:													
80	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
81	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
82	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
83	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
84	Birthplaces of persons:													
85	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
86	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
87	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
88	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
89	Birthplaces of persons:													
90	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
91	England and Wales.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
92	Ireland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
93	Germany.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
94	Birthplaces of persons:													
95	United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
96	England and Wales.....	.....	.....	.....										

CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, ETC.—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
7,788	83	320	23	179	202	559	964	487	43	40	146	388	54	92	1,212	243	110	397	2,225	21
4,006	38	152	10	82	95	267	534	259	24	22	46	190	55	621	138	47	222	1,193	11	2
3,782	45	168	13	97	107	292	430	228	19	18	100	198	54	37	591	105	63	175	1,032	10
7,701	82	315	23	179	202	552	952	481	42	38	145	382	54	91	1,204	236	110	395	2,197	21
6,146	79	218	17	178	202	492	658	351	41	38	64	257	35	50	1,051	131	58	395	1,820	11
794	1	47	3	1	.....	29	173	67	.....	30	70	70	24	74	63	23	.....	183	6	6
682	2	49	2	.....	.....	28	103	55	1	.....	50	50	17	16	70	39	24	.....	173	3
87	1	5	.....	.....	.....	7	12	6	1	2	1	6	.....	1	8	7	.....	2	28	7
3,166	37	104	6	81	95	235	349	186	24	22	16	117	30	30	544	74	23	222	996	5
3,062	43	118	11	97	107	264	320	171	18	18	48	145	35	21	515	63	35	175	852	6
101	8	.....	.....	.....	.....	5	25	7	.....	2	4	4	3	3	10	3	3	.....	30	1
75	10	.....	.....	.....	.....	5	11	1	1	.....	4	7	2	3	5	3	1	.....	22	.....
249	1	13	.....	.....	.....	7	52	23	.....	6	30	30	9	9	27	20	11	.....	49	1
279	2	12	1	.....	.....	12	54	25	.....	20	17	5	7	7	29	17	12	.....	64	2
403	21	2	1	.....	.....	15	86	34	.....	21	34	.....	11	32	35	9	.....	98	4	
297	23	1	.....	.....	.....	11	30	27	.....	27	24	24	9	5	32	17	11	.....	79	1
5,744	75	238	15	118	124	356	802	359	20	17	172	388	27	78	756	195	132	286	1,559	27
2,931	40	129	6	56	60	174	383	198	11	7	60	197	46	414	108	36	162	826	18	13
2,813	35	109	9	62	64	182	419	161	9	10	112	191	27	32	342	87	96	124	733	9
5,585	75	230	15	115	122	347	775	339	20	16	169	376	26	77	742	188	132	276	1,518	27
4,591	72	191	15	113	122	321	621	278	19	16	96	264	23	44	619	133	81	276	1,266	21
441	24	.....	.....	.....	.....	13	66	30	1	.....	27	55	17	48	29	13	.....	116	2	17
452	1	13	.....	.....	.....	10	73	27	.....	40	49	3	11	57	20	30	.....	118	.....	.....
159	8	.....	3	2	9	27	20	.....	1	3	12	1	1	14	7	.....	10	41	.....	18
2,433	38	103	6	56	60	159	311	165	10	7	29	138	25	25	355	74	21	162	701	13
2,316	34	96	9	60	64	171	337	133	9	10	70	137	24	20	278	66	60	124	606	8
39	3	.....	.....	.....	.....	1	6	3	.....	3	5	5	3	2	2	2	2	.....	9	.....
38	1	1	.....	.....	.....	1	7	1	.....	4	4	4	.....	4	4	3	3	.....	13	.....
146	3	3	.....	.....	.....	7	33	13	1	.....	7	14	2	17	9	2	.....	38	.....	21
197	1	6	.....	.....	.....	6	36	15	.....	18	18	1	5	5	24	8	12	.....	47	.....
212	16	.....	.....	.....	.....	5	22	13	.....	17	35	.....	12	26	18	9	.....	67	2	22
202	6	.....	.....	.....	.....	2	28	10	.....	14	26	2	6	6	26	12	15	.....	55	.....
3,000	46	90	7	113	95	262	357	195	10	13	79	183	21	22	374	76	98	130	822	7
1,474	22	55	5	52	49	124	173	94	7	6	25	85	14	14	177	39	40	77	424	6
1,526	24	35	2	61	46	138	184	101	3	7	54	98	21	8	197	37	58	53	398	1
2,969	45	90	7	113	95	260	350	192	10	13	79	182	21	22	370	76	96	130	811	7
2,455	44	77	6	111	93	248	276	157	10	13	45	122	16	13	308	59	56	130	667	4
228	1	10	1	.....	2	4	31	10	.....	12	26	.....	6	30	7	13	.....	72	3	28
258	3	.....	.....	1	.....	8	36	24	.....	22	28	5	3	31	9	26	.....	62	.....	.....
31	1	.....	.....	.....	.....	2	7	3	.....	.....	.....	1	.....	.....	4	.....	2	.....	11	.....
1,232	21	45	4	52	47	120	136	84	7	6	13	57	8	8	146	32	27	77	347	3
1,253	24	32	2	59	46	130	146	76	3	7	32	66	16	5	166	27	31	53	331	1
71	6	.....	.....	.....	1	1	9	4	.....	1	8	.....	3	3	12	2	2	.....	20	2
60	1	1	.....	1	.....	1	6	4	.....	6	5	.....	.....	.....	10	2	9	.....	15	.....
95	1	4	1	.....	.....	2	12	1	.....	7	7	.....	2	2	11	4	8	.....	34	1
134	2	.....	.....	.....	.....	5	22	11	.....	10	14	2	2	2	15	5	12	.....	34	.....
50	.....	.....	.....	.....	1	1	7	5	.....	4	10	.....	1	1	4	.....	3	.....	14	.....
49	.....	.....	.....	.....	2	4	.....	4	.....	3	8	3	.....	.....	6	2	4	.....	13	.....
4,543	36	166	9	96	70	302	590	291	21	24	147	320	23	43	624	169	161	232	1,207	12
2,244	20	89	5	46	33	148	264	136	10	9	53	150	24	24	305	115	69	145	617	6
2,299	16	77	4	50	37	154	326	155	11	15	94	170	23	19	319	54	92	87	590	6
4,373	36	161	9	93	69	287	552	273	20	22	144	313	22	43	606	168	159	217	1,167	12
3,592	36	134	7	90	68	267	411	225	20	22	90	232	13	30	515	133	104	217	969	9
353	20	1	2	.....	8	62	22	.....	.....	21	33	.....	8	42	20	28	.....	85	1	39
385	6	1	1	.....	12	66	24	.....	.....	30	44	.....	9	3	41	15	26	.....	104	2
170	5	.....	3	1	15	38	18	1	2	3	7	1	.....	18	1	2	15	40	.....	40



TABLE 81.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un-known.
1	Ward 23.....	3 713	471	187	127	92	877	1,297	214	269	1,160	743	30
2	Males.....	1,930	275	95	59	39	468	677	114	135	629	359	16
3	Females.....	1,783	196	92	68	53	409	620	100	134	531	384	14
4	White.....	3,003	459	178	117	91	845	1,251	208	260	1,128	730	26
5	Native born.....	3,005	459	176	117	91	843	1,242	202	242	815	539	25
6	Foreign born.....	{ M. 264		1			1	3	2	9	165	86	
	{ F. 208			1			1	4	2	7	105	90	
7	Colored.....	110	12	9	10	1	32	46	6	9	32	13	4
	Birthplaces of persons:												
8	United States.....	{ M. 1,622	275	94	59	39	467	673	111	126	434	263	15
	{ F. 1,550	196	91	68	53	408	615	97	125	411	284	14	
9	England and Wales.....	{ M. 98		1			1	1	1	3	61	32	
	{ F. 74						2	2	1	32	37		
10	Ireland.....	{ M. 96								1	58	36	
	{ F. 86						1			4	48	33	
11	Germany.....	{ M. 56						1	1	1	38	15	
	{ F. 33									2	17	14	
12	Ward 24.....	6,918	1,050	343	281	212	1,886	2,696	385	494	2,043	1,219	81
13	Males.....	3,448	565	179	135	117	996	1,385	194	223	1,057	554	35
14	Females.....	3,470	485	164	146	95	890	1,311	191	271	986	665	46
15	White.....	6,519	1,013	319	256	202	1,790	2,549	366	468	1,966	1,094	76
16	Native born.....	5,517	1,008	317	254	201	1,780	2,533	358	413	1,410	744	59
17	Foreign born.....	{ M. 425							4	23	245	145	8
	{ F. 438							1	2	23	244	160	8
18	Colored.....	399	37	24	25	10	96	147	19	26	77	125	5
	Birthplaces of persons:												
19	United States.....	{ M. 2,943	562	178	135	117	992	1,377	188	194	772	385	27
	{ F. 2,967	483	163	143	94	883	1,302	189	245	710	484	37	
20	England and Wales.....	{ M. 69							1	2	39	25	2
	{ F. 60									2	33	25	
21	Ireland.....	{ M. 272							3	19	154	92	4
	{ F. 302								2	16	172	106	6
22	Germany.....	{ M. 64								2	39	21	2
	{ F. 56							1		3	30	22	
23	Ward 25.....	4,665	887	298	218	192	1,595	2,395	259	304	1,184	418	45
24	Males.....	2,405	504	157	116	102	870	1,291	130	146	613	260	25
25	Females.....	2,200	383	141	102	90	716	1,104	129	158	571	218	20
26	White.....	4,557	879	296	215	187	1,577	2,360	256	301	1,175	412	44
27	Native born.....	3,804	879	296	213	186	1,574	2,352	243	267	602	218	32
28	Foreign born.....	{ M. 381			2		2	9	8	20	251	90	3
	{ F. 336				1		1	6	4	13	209	98	6
29	Colored.....	48	8	2	3	5	18	26	3	3	9	6	1
	Birthplaces of persons:												
30	United States.....	{ M. 2,000	504	157	114	102	877	1,282	122	125	348	165	20
	{ F. 1,852	383	141	102	89	715	1,096	124	145	355	119	13	
31	England and Wales.....	{ M. 46			2		2	4	5	3	24	9	1
	{ F. 43									2	33	6	
32	Ireland.....	{ M. 204						2	2	12	142	40	
	{ F. 198							2	1	6	112	71	6
33	Germany.....	{ M. 169							1	4	72	31	1
	{ F. 81				1	1	1	2	3	3	55	18	
34	Ward 26.....	6,475	1,086	373	314	251	2,024	3,012	367	432	1,899	697	68
35	Males.....	3,283	557	192	164	128	1,041	1,535	189	205	1,003	316	35
36	Females.....	3,192	529	181	150	123	983	1,477	178	227	896	381	33
37	White.....	6,337	1,062	361	308	249	1,980	2,957	358	421	1,856	678	67
38	Native born.....	5,100	1,061	360	307	248	1,976	2,945	346	362	1,135	325	47
39	Foreign born.....	{ M. 555	1			1	2	6	7	23	361	152	6
	{ F. 559							1	4	33	328	187	6
40	Colored.....	138	24	12	6	2	44	55	9	11	43	19	1

CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, ETC.—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
3,713	42	180	18	106	85	306	427	308	17	18	67	257	15	43	513	117	100	124	966	9
1,930	20	80	11	46	40	157	205	176	7	6	17	185	15	27	276	74	29	73	534	5
1,783	16	94	7	60	45	149	222	127	10	12	50	122	16	16	237	43	71	51	432	4
3,603	42	175	18	106	84	298	405	288	17	18	67	249	15	43	501	115	97	120	936	9
3,065	40	150	15	104	83	276	335	230	17	18	49	193	15	30	435	95	71	120	778	8
264	1	14	2		1	11	34	35			6	27		7	33	12	7		74	
208		10	1	1		8	30	18			9	22		5	21	5	17		60	1
110		5			1	8	22	15				8			12	2	3	4	30	
1,622	25	72	9	45	39	146	168	187	7	6	11	102		19	234	60	21	73	443	5
1,550	15	83	6	59	45	141	189	108	10	12	38	98	15	11	212	37	53	51	364	3
96		9				6	14	7			1	8		2	18	2	1		30	
74		4	1	1		1	6	9			5	9		3	10	2	4		18	1
96	1	1				2	9	17			4	13		8	9	6	4		27	
86		4				4	14	7			1	7		2	6		8		33	
56		4	2		1	3	10	8			1	6		1	5	3	2		10	
33		2				3	6	1			3	5			4	1	3		5	
6,918	65	178	21	175	148	442	960	507	25	38	149	418	26	78	965	209	129	352	1,999	34
3,448	33	94	9	79	83	217	420	265	11	14	52	211		50	468	122	44	198	1,058	20
3,470	32	84	12	96	65	225	540	242	14	24	97	207	26	28	497	87	85	154	941	14
6,519	65	175	20	174	145	430	898	462	24	35	145	388	24	76	907	197	117	338	1,865	34
5,517	63	134	16	171	145	400	696	408	24	34	110	286	18	52	787	149	78	838	1,583	25
425		22				13	83	25			10	43		11	43	21	19		132	3
438	1	15	4	1		13	98	24			22	43	6	12	55	17	14		107	6
399		8	1	1	3	12	62	45	1	3	4	30	2	2	58	12	12	14	134	
2,943	33	70	9	78	83	203	325	237	11	13	39	158		39	415	96	25	198	894	17
2,967	30	67	8	94	65	209	432	215	14	24	75	158	20	15	429	65	65	154	820	8
69		3				1	12	7			1	10		3	10	6			16	
60		4				2	7	2			3	7	1	4	12	2	2		12	2
272		14				10	54	14			8	28		7	24	6	14		92	1
302	1	9	3	1		9	72	18			16	27	3	5	37	14	10		74	3
64		3				2	15	3				3		1	8	8	3		16	2
56		2	1			2	14	3			3	7	1	2	3		1		16	1
4,605	65	158	18	172	129	355	482	380	34	30	75	198	23	49	600	107	60	294	1,357	19
2,405	27	82	11	95	63	185	246	197	12	18	25	97		31	310	61	26	175	733	11
2,200	38	76	7	77	66	170	236	183	22	12	50	101	23	18	230	46	34	119	624	8
4,557	65	157	18	172	128	353	478	373	32	30	74	194	23	49	596	105	59	290	1,342	19
3,804	62	109	17	168	126	326	345	299	31	28	40	124	16	34	533	76	30	290	1,139	11
381	2	28		2		17	70	34	1	1	11	34		11	35	20	10		101	4
336	1	19	1	2	1	10	61	34		1	22	35	6	4	24	9	18		87	1
48		1			1	2	4	7	2		1	4			4	2	1	4	15	
2,000	25	53	11	93	63	168	176	160	11	17	14	61		20	273	41	15	175	619	5
1,852	37	57	0	75	64	160	173	146	22	11	27	67	16	14	264	37	16	119	535	6
46	1	4		1		2	3	2			3	5		2	1	3	1		15	2
43		5		1		2	8	6			1	6	1		3	4			5	1
204		15				7	44	20	1		6	18		3	24	13	6		47	
198		9				7	32	17		1	15	20	5	2	17	4	18		51	
109		9				5	20	8		1	2	9		5	9	3	2		35	1
81	1	4	1	1	1		15	9			6	8	1	2	3				29	
6,475	121	159	20	151	176	499	749	514	38	47	117	371	30	85	848	168	116	386	1,854	26
3,283	60	87	15	69	86	252	400	264	21	20	30	185		41	441	93	33	210	960	16
3,192	61	72	5	82	90	247	349	250	17	27	87	186	30	44	407	75	83	176	894	10
6,337	121	153	19	151	176	494	728	499	35	43	117	361	30	85	835	166	116	377	1,806	25
5,160	117	116	16	150	176	457	514	393	34	43	71	246	22	54	711	122	45	377	1,483	13
555	2	21	2			12	108	59	1		14	58		12	52	24	22		165	3
299	1	15	1	1		23	91	43			30	51	8	19	64	20	49		140	3
						5	21	15	3	4		10			13	2			48	1
																			910	781

**TABLE 81.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT**

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		All ages.	AGE.										
			Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un- known.
1	Ward 27.....	5,902	1,225	335	222	131	1,913	2,321	167	351	1,963	1,013	97
2	Males.....	3,116	644	164	122	72	1,002	1,207	81	182	1,152	434	60
3	Females.....	2,786	581	171	100	59	911	1,114	86	169	801	579	37
4	White.....	5,425	1,162	308	202	121	1,793	2,165	148	291	1,785	951	85
5	Native born.....	4,268	1,147	301	199	120	1,767	2,131	140	233	1,131	583	50
6	Foreign born.....	{ M. 347 F. 332		1			1	3	2	17	222	96	7
7	Colored.....	477	63	27	20	10	120	156	19	60	168	62	12
8	Birthplaces of persons:												
9	United States.....	{ M. 2,428 F. 2,286	633	157	120	72	982	1,179	77	148	720	269	35
10	England and Wales.....	{ M. 40 F. 39	575	170	98	57	900	1,102	82	142	551	364	25
11	Ireland.....	{ M. 231 F. 249		1			1	2	1	11	147	65	5
12	Germany.....	{ M. 54 F. 29						1	1	4	36	11	1
13	Ward 28.....	3,605	636	202	157	120	1,115	1,549	198	224	1,022	561	50
14	Males.....	1,920	384	105	83	59	631	864	96	104	566	266	24
15	Females.....	1,685	252	97	74	61	484	685	102	120	457	295	26
16	White.....	3,553	624	199	152	119	1,094	1,522	193	221	1,012	557	48
17	Native born.....	2,981	624	197	152	119	1,092	1,514	183	190	687	373	34
18	Foreign born.....	{ M. 289 F. 243						4	3	14	176	89	* 3
19	Colored.....	52	12	3	5	1	21	27	5	8	71	4	2
20	Birthplaces of persons:												
21	United States.....	{ M. 1,605 F. 1,427	384	103	83	59	629	858	93	89	375	170	20
22	England and Wales.....	{ M. 65 F. 36	252	97	74	61	484	683	95	104	323	206	16
23	Ireland.....	{ M. 100 F. 120						3	1	4	34	23	
24	Germany.....	{ M. 120 F. 110							5	4	13	14	
25	Ward 29.....	6,387	964	329	204	150	1,647	2,286	348	461	2,088	1,130	74
26	Males.....	3,208	519	178	106	71	874	1,200	178	221	1,098	500	43
27	Females.....	3,179	445	151	98	79	773	1,086	170	240	1,022	630	31
28	White.....	6,217	928	321	193	144	1,586	2,200	339	440	2,044	1,120	74
29	Native born.....	5,100	927	321	192	143	1,583	2,192	332	374	1,439	699	64
30	Foreign born.....	{ M. 548 F. 465						3	2	31	326	183	3
31	Colored.....	170	36	8	11	6	61	86	9	21	44	10	
32	Birthplaces of persons:												
33	United States.....	{ M. 2,506 F. 2,669	519	178	105	71	873	1,196	175	186	707	296	36
34	England and Wales.....	{ M. 42 F. 20	444	151	96	78	771	1,082	166	209	773	411	28
35	Ireland.....	{ M. 272 F. 290						2		3	20	17	
36	Germany.....	{ M. 202 F. 140						1		17	139	113	2
37	Ward 30.....	4,159	602	201	157	102	1,062	1,541	208	338	1,405	608	59
38	Males.....	2,104	335	104	78	47	564	775	110	163	752	270	34
39	Females.....	2,055	267	97	79	55	498	766	98	175	653	338	25
40	White.....	3,911	562	176	148	95	981	1,423	196	313	1,331	591	58
41	Native born.....												
42												249	37
43												147	7
44												187	9
45												17	1
46													
47												119	22
48												147	16
49												9	
50												8	
51												115	6
52												170	9
53												10	
54												6	

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CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, ETC.—Continued.

CAUSE OF DEATH.																					
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Child-birth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.	
5,902	30	106	13	80	50	387	899	389	12	24	163	369	18	50	672	298	134	145	2,035	34	10
3,116	12	66	7	34	23	182	505	213	9	9	68	186	.....	24	376	186	37	84	1,075	20	21
2,786	18	34	6	46	27	205	394	176	3	15	95	183	18	26	296	112	97	61	960	14	3
5,425	30	91	13	75	49	355	792	346	10	19	157	338	17	47	625	259	124	138	1,909	31	4
4,268	28	62	11	73	49	309	555	265	9	19	92	238	14	31	513	180	75	138	1,585	22	5
347	1	11	1	1	.....	8	76	28	.....	.....	22	26	.....	6	36	28	6	.....	94	3	6
332	1	3	.....	1	.....	22	63	26	.....	.....	26	36	3	7	28	15	26	.....	74	1	.....
477	.....	9	.....	5	1	32	107	43	2	5	6	31	1	3	47	39	10	7	126	3	7
2,428	11	43	6	33	23	163	361	164	8	9	36	129	.....	16	306	127	23	84	873	13	8
2,266	17	27	5	45	27	177	291	140	3	15	62	133	14	18	250	82	61	61	826	12	.....
40	.....	.....	.....	.....	.....	4	5	4	.....	.....	2	3	.....	1	7	3	1	.....	14	.....	3
39	.....	.....	.....	.....	.....	4	8	3	.....	.....	4	2	.....	1	5	1	1	.....	9	.....	1
231	1	7	.....	1	.....	8	57	16	.....	.....	17	17	.....	4	22	16	4	.....	59	.....	2
249	1	1	.....	1	.....	14	51	22	.....	.....	18	23	1	4	19	13	24	.....	57	.....	10
54	.....	2	1	.....	.....	11	4	4	.....	.....	2	4	.....	1	5	6	1	.....	16	.....	11
29	.....	2	.....	.....	.....	3	2	1	.....	.....	2	9	1	2	1	.....	1	.....	5	.....	.....
3,605	62	122	7	92	86	273	407	274	14	20	86	238	13	35	533	106	75	205	934	23	12
1,920	34	67	3	42	40	137	208	153	5	11	22	117	.....	22	291	61	36	128	534	9	13
1,685	28	55	4	50	46	136	199	121	9	9	64	121	13	13	242	45	39	77	400	14	14
3,553	62	121	7	92	86	271	401	264	14	18	85	234	13	35	524	106	75	203	919	23	15
2,981	57	98	6	90	84	258	302	213	14	18	53	174	10	29	446	84	50	203	778	14	16
289	.....	11	1	1	1	5	48	28	.....	.....	10	31	.....	4	48	13	10	.....	76	.....	17
243	5	10	.....	1	1	7	43	19	.....	.....	21	25	3	2	27	7	13	.....	56	.....	3
52	.....	1	.....	.....	.....	2	6	10	.....	2	1	4	.....	.....	9	.....	.....	2	15	.....	18
1,605	34	54	2	41	39	131	157	122	5	11	11	84	.....	18	240	46	25	128	451	6	19
1,427	23	45	4	49	45	129	151	101	9	9	43	94	10	11	215	38	25	77	341	8	.....
65	.....	1	.....	1	.....	1	12	6	.....	.....	3	8	.....	.....	11	1	3	.....	18	.....	20
36	3	2	.....	.....	1	1	8	4	.....	.....	2	3	1	.....	2	2	5	.....	2	.....	.....
100	.....	3	.....	.....	1	1	15	12	.....	.....	2	9	.....	3	14	10	1	.....	28	.....	21
120	2	4	.....	1	.....	3	21	11	.....	.....	11	10	1	1	12	2	6	.....	34	.....	.....
110	.....	6	1	.....	.....	3	19	10	.....	.....	5	12	.....	1	16	1	5	.....	30	.....	22
75	.....	3	.....	.....	.....	3	13	4	.....	.....	6	10	1	1	11	2	2	.....	17	.....	.....
6,387	79	238	26	133	104	412	882	515	22	28	175	424	32	77	842	193	147	343	1,680	35	23
3,208	34	109	18	69	50	185	447	281	18	15	54	195	.....	47	440	125	58	187	861	15	24
3,179	45	129	8	64	54	227	435	234	4	13	121	229	32	30	402	68	89	156	819	20	25
6,217	78	232	26	132	102	403	847	500	22	28	174	414	31	77	818	193	147	329	1,629	35	26
5,100	77	171	24	130	99	367	665	403	22	28	125	300	22	46	688	142	83	329	1,358	21	27
548	.....	31	1	1	.....	16	107	55	.....	.....	14	49	.....	21	65	29	25	.....	131	.....	28
465	1	24	1	1	1	19	57	36	.....	.....	30	55	9	6	53	16	33	.....	117	.....	6
170	1	6	.....	1	2	9	35	15	.....	.....	1	10	1	.....	24	.....	.....	14	51	.....	23
2,596	34	75	17	68	49	169	330	221	18	15	39	139	.....	22	369	90	30	187	716	8	30
2,669	44	102	7	63	52	207	368	197	4	13	87	170	23	24	343	52	53	156	691	13	.....
42	.....	1	.....	.....	.....	3	7	5	.....	.....	.....	6	.....	2	7	4	2	.....	5	.....	31
20	.....	2	.....	.....	1	1	2	.....	.....	.....	2	.....	1	.....	2	1	1	.....	7	.....	.....
272	.....	13	.....	.....	.....	5	50	36	.....	.....	7	22	.....	11	34	17	18	.....	58	.....	32
290	1	8	.....	1	.....	11	37	29	.....	.....	19	25	4	5	35	8	28	.....	75	.....	.....
202	.....	14	.....	1	.....	8	43	11	.....	.....	7	18	.....	6	21	6	4	.....	62	.....	33
140	.....	14	.....	.....	.....	7	18	7	.....	.....	9	26	4	1	13	5	3	.....	31	.....	.....
4,159	62	97	15	94	73	265	632	324	18	19	110	268	25	52	600	127	99	176	1,091	12	34
2,104	27	48	8	47	33	141	313	169	11	6	35	141	.....	33	282	71	32	102	595	10	35
2,055	35	49	7	47	40	124	319	155	7	13	75	127	25	19	318	56	67	74	496	2	36
3,911	62	90	15	89	72	255	582	301	15	15	108	257	23	52	569	120	95	159	1,020	12	37
2,906	58	69	12	89	71	223	414	203	14	15	55	162	13	22	426	69	34	159	792	6	38
481	2	12	1	.....	.....	19	78	55	1	.....	20	43	.....	20	64	23	17	.....	123	.....	39
483	1	9	1	.....	1	12	80	39	.....	.....	33	50	10	10	74	26	44	.....	91	.....	2
248	.....	7	.....	5	1	10	50	23	3	4	2	11	2	.....	31	7	4	17	71	.....	40
.....	.....	.....	.....	.....	.....	199	226	111	10	6	15	97	.....	13	214	47	15	102	459	6	41
.....	.....	.....	.....	.....	.....	.....	.....	114	7	13	42	76	15	9	243	29	23	71	403	.....	42
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	.....	2	3	1	1	.....	8	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	1	5	52	16	.....	83	.....	43
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	23	43	.....	11	.....	44

TABLE 31.—DEATHS IN PHILADELPHIA AND IN EACH WARD DURING THE 6 YEARS ENDING MAY 31, 1890, AT

SEX, COLOR, NATIVITY, AND BIRTHPLACES OF PERSONS.		AGE.											
		All ages.	Months.					Years.					
			Under 3	3 to 6	6 to 9	9 to 12	Total under 12	Under 5	5 to 15	15 to 25	25 to 65	Over 65	Un-known.
1	Ward 31.....	4,423	755	252	192	159	1,358	2,000	207	316	1,383	480	37
2	Males.....	2,242	428	131	101	72	732	1,055	108	153	692	212	22
3	Females.....	2,181	327	121	91	87	626	945	99	163	691	268	15
4	White.....	4,413	751	252	192	159	1,354	1,995	207	315	1,380	479	37
5	Native born.....	3,582	751	251	192	157	1,351	1,989	201	259	859	250	24
6	Foreign born.....	{ M. 421		1		1	2	4	1	30	259	117	10
	{ F. 387					1	1	2	4	26	244	108	3
7	Colored.....	10	4				4	5		1	3	1	
	Birthplaces of persons:												
8	United States.....	{ M. 1,803	428	130	101	71	730	1,051	106	123	417	94	12
	{ F. 1,789	327	121	91	86	625	943	95	137	445	157	12	
9	England and Wales.....	{ M. 54				1	1	2		6	26	19	1
	{ F. 63							1	2	4	38	18	
10	Ireland.....	{ M. 215						1		12	141	53	8
	{ F. 193									12	123	56	2
11	Germany.....	{ M. 137							1	10	81	44	1
	{ F. 110					1	1	1	1	6	73	28	1
12	Ward 32.....	2,211	367	96	74	57	594	789	84	150	726	426	27
13	Males.....	1,079	208	61	38	24	329	440	41	74	335	178	11
14	Females.....	1,132	159	35	38	33	265	349	43	85	391	248	16
15	White.....	2,181	358	95	72	56	581	772	84	156	717	425	27
16	Native born.....	1,944	358	95	71	56	580	771	82	147	589	329	26
17	Foreign born.....	{ M. 99			1		1	1		2	61	35	
	{ F. 106								1	6	51	47	1
18	Colored.....	30	9	1	2	1	13	17		3	9	1	
	Birthplaces of persons:												
19	United States.....	{ M. 964	208	61	35	24	328	439	41	71	265	137	11
	{ F. 1,010	159	35	38	33	265	349	41	79	333	193	15	
20	England and Wales.....	{ M. 16			1		1	1		1	8	6	
	{ F. 19										8	11	
21	Ireland.....	{ M. 36								1	23	12	
	{ F. 50									2	25	22	1
22	Germany.....	{ M. 39									25	14	
	{ F. 29								1	3	13	12	
23	Ward 33.....	2,305	483	132	115	99	829	1,179	126	132	640	214	14
24	Males.....	1,203	276	64	65	49	454	626	65	64	338	97	13
25	Females.....	1,102	207	68	50	50	375	553	61	68	302	117	1
26	White.....	2,283	478	132	113	99	822	1,166	126	131	634	212	14
27	Native born.....	1,891	478	130	113	98	819	1,160	120	96	396	108	11
28	Foreign born.....	{ M. 206						2	2	17	139	43	3
	{ F. 163					1	1	1	3	16	86	59	
29	Colored.....	22	5		2		7	13		1	6	2	
	Birthplaces of persons:												
30	United States.....	{ M. 983	276	63	65	49	453	622	63	45	191	52	10
	{ F. 930	207	67	50	49	373	551	57	52	211	58	1	
31	England and Wales.....	{ M. 42						2	1	5	24	10	
	{ F. 31								3	5	14	9	
32	Ireland.....	{ M. 87								12	55	19	1
	{ F. 75					1	1	1		5	38	31	
33	Germany.....	{ M. 68							1		52	14	1
	{ F. 41									4	24	13	
34	Unlocated.....	447	20	11	2	4	37	45	6	32	264	98	2
35	Males.....	300	6	6	2	2	16	20	4	16	196	63	1
36	Females.....	147	14	5		2	21	25	2	16	68	35	1
37	White.....	407	18	9	2	4	33	40	6	28	238	94	1
38	Native born.....	164	18	9	2	4	33	40	4	14	82	21	
39	Foreign born.....	{ M. 70							1	3	48	18	
	{ F. 33									3	21	9	
40	Colored.....	40	2	2			4	5		4	26	4	1
	Birthplaces of persons:												
	United States.....	{ M. 117	6	6	2	2	16	20	2	8	69	17	1
	{ F. 75		14	5		2	21	25	2	9	30	9	

CERTAIN AGES AND FROM CERTAIN CAUSES, WITH DISTINCTION OF SEX, COLOR, NATIVITY, ETC.—Continued.

CAUSE OF DEATH.																				
All causes.	Scarlet fever.	Typhoid fever.	Malarial fever.	Diphtheria.	Croup.	Diarrheal diseases.	Consumption.	Pneumonia.	Measles.	Whooping cough.	Cancer and tumor.	Heart disease and dropsy.	Childbirth and puerperal diseases.	Diseases of the liver.	Diseases of the nervous system.	Diseases of the urinary organs.	Old age.	Still-born.	All other causes.	Unknown.
4,423	61	175	13	91	105	241	555	315	25	28	92	207	21	57	672	116	67	249	1,315	18
2,242	22	95	5	44	62	124	257	170	12	10	27	102	21	36	337	65	21	153	689	11
2,181	39	80	8	47	43	117	298	145	13	18	65	105	21	21	335	51	46	96	626	7
4,413	60	175	13	91	105	241	554	315	25	28	91	206	21	57	660	115	67	249	1,313	18
3,582	57	115	10	91	104	211	411	238	25	28	49	134	16	30	579	74	33	249	1,115	13
421	31	2			1	19	69	37			14	37		15	43	28	11		111	3
387	3	28	1			10	71	32			28	34	5	11	47	13	21		81	2
10	1						1				1	1			3	1			2	
1,808	22	63	3	44	61	105	185	126	12	10	13	64		20	294	37	10	153	573	8
1,789	36	52	7	47	43	106	227	112	13	18	37	71	16	10	288	38	23	96	544	5
54	8	1			1	2	2	7			1	5		1	3	3	2		15	3
63	1	4				7	7	7			5	8		1	11	2	1		16	
215	14	1				11	39	21			8	23		6	21	15	6		50	
193	11					4	37	16			16	10	2	9	25	7	16		37	2
137	7					5	26	9			5	9		7	19	7	3		40	
110	13	1				5	23	9			6	13		1	10	4	4		21	
2,211	19	94	5	49	41	114	273	132	8	13	68	177	10	30	320	79	51	146	572	10
1,079	9	60	1	27	23	60	130	64	4	3	20	82		21	157	44	16	95	260	3
1,132	10	34	4	22	18	54	143	68	4	10	48	95	10	9	163	35	35	51	312	7
2,181	19	94	5	49	41	113	267	129	7	12	68	175	10	30	318	79	50	141	564	10
1,944	17	85	4	48	41	109	231	112	7	12	56	140	9	26	291	60	36	141	510	9
99	1	5				1	18	9			4	14		3	13	8	3		20	
106	4	1	1			2	12	5			6	18	1	1	10	9	11		24	1
30						1	6	3	1	1		2			2		1	5	8	
964	8	55	1	27	23	58	109	53	4	3	14	66		18	143	34	13	93	237	3
1,010	9	30	3	21	18	52	128	62	4	10	42	76	9	8	150	26	24	51	281	6
16	1	1				2	2					4		1	2		1		4	
19						4	1				1	4		1		2	2		4	
36		1				1	9	2				5		1	6	4	1		6	
50		1	1			1	5	3			1	7	1		6	2	8		13	1
39		3				5	5	6			4	5		1	4	4	1		6	
29		2		1		1	2				3	6			3	4	1		6	
2,305	24	82	5	57	76	166	235	188	8	16	32	126	11	34	313	59	25	165	678	
1,203	11	41	3	29	34	84	113	100	3	9	7	68		16	175	36	9	102	359	
1,102	13	41	2	28	42	82	122	88	5	7	25	58	11	18	138	23	16	63	316	
2,283	23	82	5	56	76	166	232	186	8	15	32	123	11	34	310	59	25	161		
1,891	22	64	5	56	74	152	169	147	8	14	26	77	9	19	276	39	13	161		
206		11				6	36	18				26		7	16	16	2			
165		7			1	8	24	19		1	5	17	2	6	18	4	10			
22	1			1			3	2		1		3			3					
983	10	30	3	29	34	78	75	80	3	9	7	41		8	159	20				
930	13	34	2	28	40	74	97	69	5	6	19	39	9	11	120	19	3			
42		4				1	2	3				6			8					
31		2			1	2	2	4				2			1	3				
87						4	19	9				11			1	5				
75		2				2	16	10				10			4	7				
68		7				1	7	5				9			6	7				
41		3				3	1	4		1	1	4	2	1	6					
447	1	5		1	1	9	108	38			14	31		7						
390		3		1	1	6	80	21			10	23		6						
147	1	2				3	28	17			4	8		1						
407	1	5		1	1	8	95	34			12	28								
164	1	2			1	4	39	9			3	12								
70		2		1		2	12	7				1								
33							5	7				2								
40						1	13	4			2	3								
117					1	2	35	6			3	10								
75	1	2				2	15	5				1								
9						1		1												
5							1													
35				1			3	3				1								
22							4	5				2								
13		1					1	1												
3							1	1												

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TABLE 82.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	60,021	14,117	21,791	2,051	877	1,640	2,771	3,304	2,990	2,928	2,698	2,573	2,529	2,341	2,467	9,061
Males.....	30,248	7,679	11,650	990	421	743	1,393	1,718	1,513	1,502	1,418	1,341	1,290	1,167	1,232	3,870
Females.....	29,773	6,438	10,141	1,061	456	897	1,378	1,586	1,477	1,426	1,280	1,232	1,239	1,174	1,235	5,191
Unknown causes.....	236	73	84	5	3	1	8	11	15	9	11	14	14	10	15	36
Males.....	122	38	46	4	—	—	4	3	9	5	4	10	8	5	7	17
Females.....	114	35	38	1	3	1	4	8	6	4	7	4	6	5	8	19
I.—General diseases:																
General diseases—A.....	11,113	4,558	7,621	944	245	217	279	293	203	144	137	115	123	130	130	532
Males.....	5,548	2,370	3,687	426	114	112	152	172	102	68	67	61	64	63	58	202
Females.....	5,565	2,188	3,734	518	131	105	127	121	101	76	70	54	59	67	72	330
1. Smallpox..... { M.....	3	—	—	—	—	—	1	—	1	—	—	1	—	—	—	—
{ F.....	2	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Measles..... { M.....	149	49	138	7	1	1	—	2	—	—	—	—	—	—	—	—
{ F.....	143	40	130	8	—	1	2	—	—	—	1	—	—	—	—	—
3. Scarlet fever..... { M.....	308	19	222	50	14	5	3	5	2	1	—	—	—	—	—	—
{ F.....	331	22	225	81	10	6	3	2	2	1	1	—	—	—	—	—
4. Diphtheria..... { M.....	1,178	67	765	300	55	18	13	11	4	2	4	—	4	—	—	2
{ F.....	1,249	64	784	353	67	15	11	6	3	4	3	1	1	—	—	1
5. Whooping cough..... { M.....	213	129	210	3	—	—	—	—	—	—	—	—	—	—	—	—
{ F.....	277	138	260	6	1	—	—	—	—	—	—	—	—	—	—	1
6. Fever..... { M.....	2	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
{ F.....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
7. Cerebro-spinal fever..... { M.....	52	18	34	5	5	2	2	1	1	—	1	—	1	1	—	1
{ F.....	47	16	26	4	3	2	2	3	1	—	—	1	—	—	—	3
8. Typhoid fever..... { M.....	551	4	19	25	24	58	115	122	59	33	32	19	15	8	8	14
{ F.....	430	2	9	22	37	65	80	58	48	27	27	11	12	9	6	19
9. Diarrheal diseases..... { M.....	1,203	742	877	23	9	19	5	11	16	14	10	22	21	32	33	111
{ F.....	1,375	701	832	34	9	9	12	24	22	24	26	31	28	45	49	230
10. Cholera infantum..... { M.....	1,476	1,219	1,476	—	—	—	—	—	—	—	—	—	—	—	—	—
{ F.....	1,333	1,094	1,333	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Malarial fever..... { M.....	24	—	—	—	1	—	2	2	1	2	4	1	2	1	1	7
{ F.....	20	—	—	2	1	—	2	2	2	1	—	1	1	—	3	5
12. Erysipelas..... { M.....	123	30	31	1	2	1	4	8	8	9	6	6	9	9	10	19
{ F.....	85	36	38	—	—	1	1	1	3	4	2	3	3	5	5	19
13. Septicæmia..... { M.....	80	9	14	3	3	6	3	7	7	4	7	3	7	5	2	9
{ F.....	104	8	14	4	1	5	11	15	16	11	5	3	5	4	3	7
14. Venereal diseases..... { M.....	108	76	88	1	—	1	4	2	1	2	1	3	2	3	—	—
{ F.....	83	55	60	1	1	—	2	5	3	3	4	2	2	—	—	—
15. Others of this group..... { M.....	78	8	13	2	—	—	—	1	2	1	2	6	4	5	4	28
{ F.....	85	11	13	3	1	1	1	3	1	1	1	1	6	3	6	44
General diseases—B.....	969	466	493	3	1	4	18	53	69	98	68	44	42	22	22	32
Males.....	573	241	255	1	1	2	11	42	47	67	44	30	27	14	13	19
Females.....	396	225	238	2	—	2	7	11	22	31	24	14	15	8	9	13
1. Parasitic diseases..... { M.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
{ F.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Alcoholism..... { M.....	278	—	—	—	—	—	11	39	45	63	37	27	22	13	8	13
{ F.....	124	—	—	—	—	—	3	8	19	28	22	13	13	6	6	6
3. Lead poison..... { M.....	6	—	—	—	—	1	—	—	—	1	1	2	1	—	—	—
{ F.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Other poisons..... { M.....	27	1	4	—	—	1	—	3	2	3	6	1	4	—	3	—
{ F.....	26	2	5	1	—	2	2	3	3	3	2	1	2	—	2	—
5. Inanition..... { M.....	262	240	251	1	1	—	—	—	—	—	—	—	—	1	2	6
{ F.....	245	223	232	1	—	—	2	—	—	—	—	—	—	2	1	7
General diseases—C.....	5,878	3,719	3,937	17	11	7	6	10	11	14	10	17	32	37	86	1,683
Males.....	2,854	2,062	2,179	4	6	—	1	4	3	3	4	6	8	16	32	588
Females.....	3,024	1,657	1,758	13	5	7	5	6	8	11	6	11	24	21	54	1,095
1. Premature birth..... { M.....	570	569	570	—	—	—	—	—	—	—	—	—	—	—	—	—
{ F.....	436	435	435	—	—	—	—	—	—	—	—	—	—	—	—	1

TABLE 82.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>I.—General diseases—Continued.</b>																
General diseases—D.....	13,629	743	1,640	243	224	842	1,524	1,626	1,370	1,267	1,000	848	709	598	552	1,196
Males .....	6,383	416	922	106	71	332	730	766	673	597	472	392	333	257	251	481
Females .....	7,246	327	718	137	153	510	794	860	697	670	528	456	376	341	291	715
1. Rheumatism..... { M.. 95 1 1 8 1 1 2 9 8 5 2 7 8 6 12 25	{ F.. 117 1 5 9 8 4 6 6 10 5 7 7 8 10 6 26															
2. Scrofula and tubercula..... { M.. 111 50 78 8 4 2 4 3 4 2 1 1 2 2 1 2																
F.. 80 28 41 6 5 5 3 3 4 5 3 2 1 1 4 2	{ M.. 111 50 78 8 4 2 4 3 4 2 1 1 2 2 1 2															
3. Leprosy..... { F.. 80 28 41 6 5 5 3 3 4 5 3 2 1 1 4 2																
4. Consumption..... { M.. 4,797 126 254 37 40 311 707 730 642 543 423 320 238 172 144 236	{ F.. 4,920 86 218 56 124 477 761 801 618 534 358 268 180 146 121 258															
5. Hydrocephalus..... { M.. 645 221 550 46 16 2 4 11 1 1 2 1 1 1 1 2																
F.. 526 195 428 61 5 8 3 7 2 4 3 1 1 1 1 2	{ M.. 467 2 2 1 1 2 2 6 7 24 32 45 66 54 65 103															
6. Cancer..... { F.. 1,211 5 6 1 3 2 4 21 47 101 122 144 156 123 331																
7. Tumor..... { M.. 53 3 4 1 3 1 4 3 3 3 3 4 6 5 6 8	{ F.. 118 3 2 1 1 1 2 6 4 10 15 17 12 12 13 23															
8. Anæmia..... { F.. 87 4 5 1 3 9 8 6 9 3 5 8 9 3 4 14																
9. Dropsy..... { M.. 57 5 5 1 4 3 1 1 3 3 5 4 1 5 6 5 14	{ F.. 81 2 3 2 1 1 1 4 3 4 9 4 3 6 8 32															
10. Diabetes..... { F.. 81 2 3 2 1 1 1 4 3 4 9 4 3 6 8 32																
11. Others of this group..... { M.. 86 1 2 2 8 3 3 3 11 4 6 6 8 11 18	{ F.. 75 4 4 1 4 3 3 2 4 4 6 6 11 10 23															
12. Others of this class..... { F.. 75 4 4 1 4 3 3 2 4 4 6 6 11 10 23																
II.—Diseases of the nervous system.....	6,127	1,435	2,408	183	66	60	94	119	118	187	174	232	284	265	373	1,564
Males .....	3,134	785	1,311	96	41	26	46	66	68	85	103	118	142	120	192	710
Females .....	2,993	650	1,097	87	25	34	48	53	50	92	71	114	142	145	181	854
1. Inflammation of the brain..... { M.. 890 337 669 60 23 11 19 21 10 19 15 10 8 6 6 13	{ F.. 697 268 523 55 15 9 10 7 14 10 8 7 15 5 1 18															
2. Apoplexy..... { M.. 763 8 11 3 4 2 7 15 16 27 33 49 68 54 108 366																
F.. 856 3 4 2 3 6 12 9 34 19 56 64 65 111 471	{ M.. 387 4 14 2 1 7 7 11 20 21 29 26 34 213															
3. Paralysis..... { F.. 417 4 9 1 1 4 7 3 15 13 20 25 38 242																
4. Tetanus and trismus nascentium..... { M.. 32 12 12 2 2 3 2 3 2 1 3 3 1 1 3	{ F.. 19 15 15 1 1 1 1 1 1 1 1 1 1 1 1															
5. Epilepsy..... { F.. 19 15 15 1 1 1 1 1 1 1 1 1 1 1 1																
6. Convulsions..... { M.. 59 4 6 6 5 4 4 6 4 9 1 1 2 3 1 7	{ F.. 50 1 1 5 2 5 4 5 1 3 5 6 1 3 3 6															
7. Mental diseases..... { F.. 50 1 1 5 2 5 4 5 1 3 5 6 1 3 3 6																
8. Diseases of the brain..... { M.. 504 337 474 13 1 2 2 2 1 2 3 3 2 2 3 1	{ F.. 475 306 438 10 2 6 3 2 4 2 4 2 3 1 2 2															
9. Diseases of the spinal cord..... { M.. 42 53 53 2 3 4 7 1 2 4 2 4 2 5 6 12																
10. Others of this class..... { F.. 53 53 53 2 3 4 7 1 2 4 2 4 2 5 6 12	{ M.. 344 71 105 9 5 1 7 6 18 20 21 18 20 20 21 73															
11. Diseases of the brain..... { F.. 314 48 87 10 6 9 10 10 13 18 8 17 22 19 13 72																
12. Diseases of the spinal cord..... { M.. 88 11 19 2 1 1 3 2 2 5 7 6 10 7 10 15	{ F.. 68 6 19 2 1 3 1 3 1 2 8 5 4 6 6 8															
13. Others of this class..... { F.. 68 6 19 2 1 3 1 3 1 2 8 5 4 6 6 8																
III.—Diseases of the circulatory system.....	4,030	305	343	69	86	110	117	174	201	214	270	286	312	335	377	1,136
Males .....	1,961	173	191	31	34	52	61	87	92	110	132	145	142	174	201	529
Females .....	2,049	132	152	38	52	58	56	87	109	104	138	141	170	161	176	607
1. Angina pectoris..... { M.. 38 36 36 2 1 2 2 1 1 1 2 2 2 3 5 17	{ F.. 36 36 36 2 1 2 2 1 1 1 2 2 2 3 5 14															
2. Aneurism..... { F.. 36 36 36 2 1 2 2 1 1 1 2 2 2 3 5 14																
3. Aneurism..... { M.. 50 18 18 1 1 1 1 3 3 5 12 10 4 6 2 12	{ F.. 18 18 18 1 1 1 1 3 3 5 12 10 4 6 2 8															
4. Aneurism..... { F.. 18 18 18 1 1 1 1 3 3 5 12 10 4 6 2 8																

TABLE 82.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>IV.—Diseases of the respiratory system.</b>	10,026	2,152	4,253	348	63	147	254	320	381	419	416	416	448	437	465	1,659
Males.....	5,159	1,204	2,261	161	23	69	152	203	228	256	238	232	241	224	214	657
Females.....	4,867	948	1,992	187	40	78	102	117	153	163	178	184	207	213	251	1,002
1. Croup.....	{ M. 358 F. 345	{ 34 36	{ 304 276	{ 49 61	{ 1 3	{ 2	{ 	{ 	{ 1 	{ 2 	{ 1 	{ 1	{ 1 	{ 	{ 	{ 1
2. Laryngitis.....	{ M. 58 F. 48	{ 8 9	{ 40 42	{ 6 4	{ 	{ 	{ 2 	{ 3 1	{ 2 	{ 2 	{ 1 1	{ 	{ 1 	{ 	{ 	{ 1
3. Bronchitis.....	{ M. 1,287 F. 1,436	{ 595 499	{ 891 823	{ 28 23	{ 3 3	{ 5 11	{ 3 16	{ 6 5	{ 11 10	{ 19 18	{ 25 20	{ 19 24	{ 31 36	{ 38 46	{ 43 66	{ 165 335
4. Pneumonia.....	{ M. 2,940 F. 2,626	{ 407 305	{ 829 728	{ 69 90	{ 15 26	{ 50 58	{ 131 69	{ 167 91	{ 193 124	{ 195 120	{ 190 137	{ 190 132	{ 178 149	{ 153 148	{ 159 163	{ 413 591
5. Pleurisy.....	{ M. 121 F. 89	{ 6 3	{ 14 6	{ 3 3	{ 2 2	{ 8 2	{ 9 8	{ 14 11	{ 10 5	{ 10 7	{ 5 7	{ 5 6	{ 7 4	{ 11 8	{ 4 5	{ 19 15
6. Asthma.....	{ M. 18 F. 29	{ 2	{ 1 2	{ 	{ 	{ 	{ 	{ 1 1	{ 	{ 3 4	{ 1	{ 1 	{ 3 1	{ 2 3	{ 1 5	{ 7 11
7. Others of this class.....	{ M. 377 F. 294	{ 154 94	{ 182 115	{ 6 6	{ 2 6	{ 6 5	{ 7 9	{ 13 8	{ 11 13	{ 13 14	{ 11 12	{ 17 21	{ 21 16	{ 20 8	{ 16 12	{ 52 49
<b>V.—Diseases of the digestive system.</b>	2,290	367	488	47	41	65	78	127	148	118	151	185	160	159	143	380
Males.....	1,070	213	280	26	25	36	25	40	52	49	70	75	74	83	72	157
Females.....	1,220	154	208	21	16	29	53	87	96	69	75	110	86	76	71	223
1. Dentition.....	{ M. 59 F. 56	{ 34 33	{ 59 56	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 
2. Angina.....	{ M. 21 F. 10	{ 8 3	{ 15 7	{ 2 1	{ 1 	{ 	{ 	{ 1 	{ 1	{ 1	{ 1 	{ 	{ 1 	{ 	{ 	{ 
3. Diseases of the stomach.....	{ M. 164 F. 216	{ 22 19	{ 31 25	{ 6 4	{ 1 2	{ 1 3	{ 2 9	{ 2 14	{ 10 15	{ 10 9	{ 11 11	{ 17 13	{ 12 20	{ 15 15	{ 14 13	{ 32 63
4. Obstruction of the bowels.....	{ M. 78 F. 68	{ 16 13	{ 19 16	{ 1 3	{ 2 	{ 1 2	{ 3 1	{ 1 1	{ 4 2	{ 3 1	{ 5 4	{ 5 5	{ 3 4	{ 8 7	{ 6 8	{ 17 14
5. Hernia.....	{ M. 40 F. 43	{ 8 1	{ 9 1	{ 	{ 	{ 	{ 2 	{ 4 	{ 3 	{ 1 3	{ 2 3	{ 4 4	{ 3 5	{ 5 4	{ 3 	{ 6 21
6. Other diseases of the bowels.....	{ M. 22 F. 24	{ 9 8	{ 9 9	{ 	{ 1	{ 	{ 3 	{ 1 	{ 1	{ 1 5	{ 3 1	{ 1 1	{ 1 1	{ 1	{ 3 1	{ 3
7. Jaundice.....	{ M. 33 F. 34	{ 24 23	{ 24 22	{ 	{ 1 1	{ 	{ 	{ 1 	{ 1 	{ 1	{ 	{ 2 	{ 1 	{ 	{ 1 2	{ 3 5
8. Inflammation and abscess of the liver.....	{ M. 56 F. 58	{ 8 3	{ 8 3	{ 	{ 1 	{ 2 1	{ 2 1	{ 3 4	{ 5 4	{ 4 2	{ 4 5	{ 2 6	{ 7 8	{ 3 9	{ 3 4	{ 12 11
9. Other diseases of the liver.....	{ M. 208 F. 200	{ 4 3	{ 5 4	{ 1 4	{ 1 2	{ 1 2	{ 3 1	{ 5 12	{ 12 9	{ 10 8	{ 21 17	{ 25 41	{ 26 20	{ 28 18	{ 23 19	{ 47 47
10. Peritonitis.....	{ M. 231 F. 380	{ 21 11	{ 34 16	{ 15 12	{ 15 9	{ 25 17	{ 10 35	{ 16 49	{ 17 60	{ 16 37	{ 17 28	{ 13 28	{ 13 23	{ 12 15	{ 11 15	{ 17 36
11. Ascites.....	{ M. 11 F. 18	{ 1 	{ 1 	{ 	{ 	{ 	{ 1 	{ 1 	{ 1 	{ 1 1	{ 2 1	{ 1 5	{ 1 1	{ 1 1	{ 1 3	{ 3 4
12. Others of this class.....	{ M. 147 F. 112	{ 58 38	{ 66 40	{ 1 1	{ 3 1	{ 6 3	{ 2 3	{ 7 5	{ 1 2	{ 2 2	{ 10 5	{ 5 6	{ 6 5	{ 11 6	{ 7 6	{ 20 19
<b>VI.—Diseases of the urinary system and male organs of generation.</b>	2,123	22	65	40	21	38	36	129	137	121	164	180	207	206	199	540
Males.....	1,245	16	45	22	14	19	40	76	61	62	85	103	120	116	128	354
Females.....	898	7	20	18	7	19	46	53	76	59	79	77	87	90	71	186
1. Bright's disease.....	{ M. 492 F. 460	{ 	{ 	{ 6 8	{ 6 3	{ 9 13	{ 18 26	{ 31 23	{ 26 31	{ 26 38	{ 43 45	{ 44 45	{ 58 48	{ 58 45	{ 63 40	{ 104 94
2. Calculus, urinary.....	{ M. 16 F. 1	{ 	{ 	{ 	{ 	{ 1	{ 	{ 	{ 	{ 	{ 2 	{ 1	{ 	{ 1 	{ 1 	{ 11
3. Diseases of the kidney.....	{ M. 531 F. 371	{ 10 6	{ 37 19	{ 16 10	{ 6 4	{ 6 5	{ 19 18	{ 38 27	{ 33 34	{ 32 19	{ 33 34	{ 47 26	{ 50 35	{ 43 42	{ 46 24	{ 125 74
4. Diseases of the bladder.....	{ M. 108 F. 27	{ 1 1	{ 1 1	{ 	{ 2 	{ 2 1	{ 1 	{ 2 	{ 2 	{ 2 	{ 3 	{ 5 3	{ 9 1	{ 7 2	{ 8 5	{ 66 11
5. Others of this class.....	{ M. 98 F. 29	{ 5 	{ 7 	{ 	{ 	{ 1 	{ 2 2	{ 5 2	{ 2 9	{ 2 	{ 4 	{ 7 2	{ 3 	{ 7 1	{ 10 2	{ 48 6
<b>VII.—Diseases of the female organs of generation.</b>	175		1			4	15	20	22	23	24	21	21	11	5	8
1. Ovarian tumors.....	59					2	5	5	8	8	8	5	7	6	3	2
2. Uterine tumors.....	11									2	4	5	5	1	1	2
3. Displacements of the uterus.....	48									7	8	8	11	4	1	3
4. Prolapse of the uterus.....	4							1	1	1	1					1
5. Inflammation of the uterus.....	53		1			2	9	12	9	5	8	3	3			1
6. Pregnancy.....	375				1	13	70	99	94	66						
7. Diseases of the vagina.....	58					1	9	15	15	13	5					
8. Diseases of the cervix.....	125					2	29	39	32	28	11					



TABLE 82.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IX.—Diseases of the bones and joints.....	201	4	24	31	22	15	15	24	7	5	11	8	7	7	7	18
Males .....	113	4	16	16	16	11	9	14	1	2	6	7	5	3	1	6
Females .....	88		8	15	6	4	6	10	6	3	5	1	2	4	6	12
1. Diseases of the spine..... { M.....	62	4	16	8	10	6	6	7		2	2	1		1	1	2
{ F.....	40		4	9	4	4	3	4	5	1	3	1	2	1	1	7
2. Diseases of the bones..... { M.....	19			1	3		2	1	1		2	3	4			2
{ F.....	10		1					1	1	1	1			1		4
3. Diseases of the hip joint. { M.....	25			6	3	5	1	5			1	2	1			1
{ F.....	17		3	5	2		2	4			1					
4. Others of this class..... { M.....	7			1				1			1	1		2		1
{ F.....	12			1			1	1		1				2	5	1
X.—Diseases of the skin .....	134	26	36	3	4	4	4	3	5	7	10	11	6	9	8	24
Males .....	61	10	15	2	2	2	3	1	2	4	5	5	1	5	3	10
Females .....	73	16	21	1	2	2	1	2	3	3	5	6	5	4	5	14
1. Abscess..... { M.....	47	9	13	2	2	2	3	1	3	2	5	4	1	3	1	5
{ F.....	44	11	14	1	2	2	1	2	2	1	3	1	3	3	1	8
2. Carbuncle..... { M.....	7									1		1		1	1	3
{ F.....	8										2	2	1		2	1
3. Others of this class..... { M.....	7	1	2							1				1	1	2
{ F.....	21	5	7							2		3	1	1	2	5
XI.—Diseases of the absorbent system .....	17	2	2					4			1		1	2	4	3
Males .....	8							2						1	3	2
Females .....	9	2	2					2			1		1	1	1	1
1. Addison's disease..... { M.....	3										1				2	1
{ F.....	3														1	1
2. Diseases of the spleen..... { M.....	2							1						1		
{ F.....	2							1						1		
3. Others of this class..... { M.....	3							1							1	1
{ F.....	4	2	2					1					1			
XII.—Accidents and injuries .....	2,688	244	396	118	89	113	203	292	209	236	223	194	162	112	91	250
Males .....	1,997	147	242	95	74	82	159	242	174	184	182	157	125	86	57	138
Females .....	691	97	154	23	15	31	44	50	35	52	41	37	37	26	34	112
1. Burns and scalds..... { M.....	87	5	39	2	1	5	4	5	7	1	5	6	4	1	1	6
{ F.....	118		29	10	5	6	8	9	8	5	7	10	5	4	4	8
2. Drowned..... { M.....	270	1	6	31	19	19	21	29	25	24	35	19	19	9	10	4
{ F.....	20	1	2	3	1		3	2		1	1	2	2			3
3. Exposure and neglect... { M.....	5	3	3								1			1		
{ F.....	6	5	5										1			
4. Gunshot wounds..... { M.....	12			3		3	1	1	1	1		1				1
{ F.....	2				1	1										
5. Homicide..... { M.....	39	1	1			3	9	6	7	1	5	4		1	1	1
{ F.....	11					1	1	2	4		1		1			1
6. Infanticide..... { M.....	6	6	6													
{ F.....	6	6	6													
7. Injuries by machinery... { M.....																
{ F.....																
8. Railroad accidents..... { M.....	371		6	22	15	12	53	74	44	35	32	27	19	14	5	13
{ F.....	36		2	1	1	6	3	2	4	1	3	2		4	2	5
9. Suffocation..... { M.....	119	90	94		1			2	2	4	3	2	3	1	1	6
{ F.....	69	52	56				3			3			1	2	2	2
10. Suicide by shooting..... { M.....	58						9	8	5	7	3	5	6	4	4	7
{ F.....	1							1								
11. Suicide by drowning..... { M.....	21					1		3	4	4	1	4	1	1	1	1
{ F.....	6							1	1	1		2	1			
12. Suicide by poison..... { M.....	52						6	5	8	6	3	8	4	6	2	4
{ F.....	40					8	10	7	6	4	1		2	1		1
13. Other suicides..... { M.....	78						3	8	8	9	8	14	5	9	4	10
{ F.....	21					1	2	4	3	4	1		3		1	2
14. Sunstroke..... { M.....	73	1	4	2	3		8	12	10	10	11	6	2	2	1	2
{ F.....	9			2			1									
15. Surgical operations..... { M.....	48	2	3	1	1	3	4	5		2	3	2	5	4	2	11
{ F.....	66	1	3	1		2	3	7		13	10	8	6	5	3	3
-- -- -- -- -- { M.....	18		2	1	2			3			3	2	1	1		
{ F.....	2		1													

TABLE 83.—DEATHS AMONG THE WHITE POPULATION OF BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 6 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	58,431	13,711	21,130	1,997	844	1,599	2,686	3,210	2,901	2,821	2,608	2,485	2,486	2,295	2,430	8,939
Males.....	29,404	7,467	11,303	970	411	724	1,355	1,677	1,455	1,432	1,354	1,281	1,269	1,141	1,211	3,821
Females.....	29,027	6,244	9,827	1,027	433	875	1,331	1,533	1,446	1,389	1,254	1,204	1,217	1,154	1,219	5,118
Unknown causes.....	227	69	79	5	3	1	8	11	15	9	10	14	14	10	14	34
Males.....	110	37	45	4	—	—	4	3	9	5	3	10	8	5	7	16
Females.....	108	32	34	1	3	1	4	8	6	4	7	4	6	5	7	18
I.—General diseases:																
General diseases—A.....	10,890	4,451	7,472	931	241	214	269	282	198	136	130	110	122	128	129	528
Males.....	5,436	2,315	3,807	422	112	110	148	167	100	65	64	59	63	62	57	200
Females.....	5,454	2,136	3,665	509	129	104	121	115	98	71	66	51	59	66	72	328
1. Smallpox.....	{ M. 3 F. 1	{ 1 1	{ 1 1				1		1			1				
2. Measles.....	{ M. 148 F. 141	{ 49 40	{ 137 128	{ 7 8	{ 1 1	{ 1 1	2	2			1					
3. Scarlet fever.....	{ M. 305 F. 329	{ 19 22	{ 220 224	{ 55 80	{ 14 10	{ 5 6	{ 3 3	{ 5 2	{ 2 2	{ 1 1						
4. Diphtheria.....	{ M. 1,166 F. 1,241	{ 66 62	{ 755 779	{ 298 351	{ 55 67	{ 18 15	{ 13 11	{ 11 6	{ 4 3	{ 2 4	{ 4 3		4			2 1
5. Whooping cough.....	{ M. 202 F. 262	{ 127 131	{ 199 255	{ 3 5	{ 1 —											1
6. Fever.....	{ M. 2 F. 1					1										1 1
7. Cerebro-spinal fever.....	{ M. 50 F. 46	{ 17 16	{ 32 26	{ 5 3	{ 5 8	{ 2 2	{ 2 2	{ 1 3	{ 1 1		1		1			1 3
8. Typhoid fever.....	{ M. 535 F. 412	{ 4 2	{ 19 9	{ 24 21	{ 22 35	{ 56 64	{ 114 75	{ 118 55	{ 58 46	{ 32 26	{ 31 26	{ 17 9	{ 15 12	{ 8 9	{ 7 6	14 19
9. Diarrheal diseases.....	{ M. 1,183 F. 1,360	{ 727 695	{ 862 826	{ 23 33	{ 9 9	{ 19 9	{ 5 12	{ 10 23	{ 16 21	{ 12 22	{ 9 23	{ 22 31	{ 21 28	{ 32 44	{ 33 49	110 230
10. Cholera infantum.....	{ M. 1,439 F. 1,295	{ 1,189 1,059	{ 1,439 1,295													
11. Malarial fever.....	{ M. 23 F. 18				1 1		2 1	2 2	1 2	2 1	4 1	1 1	1 1	1 1	1 3	7 5
12. Erysipelas.....	{ M. 120 F. 85	{ 29 36	{ 30 38	{ 1 —	{ 2 —	{ 1 1	{ 3 1	{ 8 1	{ 8 3	{ 9 4	{ 6 2	{ 6 3	{ 9 3	{ 9 5	{ 10 5	18 19
13. Septicæmia.....	{ M. 78 F. 102	{ 9 8	{ 14 14	{ 3 4	{ 3 1	{ 6 5	{ 3 11	{ 7 14	{ 6 16	{ 4 10	{ 6 5	{ 3 3	{ 7 5	{ 5 4	{ 2 3	9 7
14. Venereal diseases.....	{ M. 104 F. 78	{ 75 53	{ 87 57	{ 1 —	{ 1 1	{ 1 —	{ 2 2	{ 2 5	{ 1 3	{ 2 2	{ 1 4	{ 3 2	{ 2 2	{ 2 —		
15. Others of this group.....	{ M. 78 F. 83	{ 8 11	{ 13 13	{ 2 3	{ 1 —	{ 1 1	{ 1 1	{ 3 3	{ 2 1	{ 1 1	{ 2 1	{ 6 1	{ 4 6	{ 5 3	{ 4 6	38 42
General diseases—B.....	940	447	472	3	1	4	18	53	69	96	67	42	41	22	20	32
Males.....	554	230	243	1	1	2	11	42	47	65	43	29	26	14	11	19
Females.....	386	217	229	2	—	2	7	11	22	31	24	13	15	8	9	13
1. Parasitic diseases.....	{ M. 1 F. —		{ 1 —													
2. Alcoholism.....	{ M. 273 F. 123						11 3	39 8	45 19	61 28	37 22	26 12	21 13	13 6	7 6	13 6
3. Lead poison.....	{ M. 6 F. —					1				1	1	2	1			
4. Other poisons.....	{ M. 25 F. 26	{ 1 2	{ 4 5			1 2		3 3	2 3	3 3	5 2	1 1	4 2		2 2	
5. Inanition.....	{ M. 250 F. 236	{ 229 215	{ 239 223	{ 1 1	{ 1 —		2							1 2	2 1	6 7

TABLE 83.—DEATHS AMONG THE WHITE POPULATION OF BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
I.—General diseases—Continued.																
General diseases—D .....	13,177	712	1,560	227	206	815	1,471	1,574	1,328	1,217	961	816	699	588	534	1,181
Males .....	6,147	405	886	101	67	318	707	743	643	566	446	368	327	253	244	478
Females .....	7,030	307	674	126	139	497	764	831	685	651	515	448	372	335	290	703
1. Rheumatism .....	{ M. 93	1	1	8	1	1	2	9	8	4	2	6	8	6	12	25
{ F. 113	1	5	8	8	4	6	6	6	4	6	7	8	10	6	26	
2. Scrofula and tabes .....	{ M. 108	49	76	8	4	2	4	8	3	2	1	1	2	1	1	2
{ F. 77	27	40	6	3	5	3	3	3	5	3	2	2	1	4	2	
3. Leprosy .....	{ M. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Consumption .....	{ M. 4,590	119	232	34	37	297	684	709	614	514	398	298	232	170	138	233
{ F. 4,747	76	189	46	113	465	731	774	607	519	348	263	177	143	120	252	
5. Hydrocephalus .....	{ M. 629	218	548	44	15	2	4	9	1	1	1	2	1	1	1	2
{ F. 512	187	416	61	5	7	3	6	2	4	3	1	1	1	1	2	
6. Cancer .....	{ M. 462	2	2	.....	.....	1	2	6	7	23	31	44	66	53	64	163
{ F. 1,195	5	6	1	3	2	4	20	47	98	120	141	155	148	123	327	
7. Tumor .....	{ M. 52	3	4	.....	3	1	4	3	3	3	3	4	6	4	6	8
{ F. 117	.....	2	1	.....	1	2	6	4	10	15	17	12	12	13	22	
8. Anæmia .....	{ M. 42	1	4	4	1	.....	2	.....	.....	3	2	4	1	3	5	13
{ F. 85	3	4	1	2	9	8	6	9	3	5	8	9	3	4	14	
9. Dropsy .....	{ M. 57	5	5	1	4	3	.....	1	3	5	4	1	5	6	5	14
{ F. 80	2	3	2	1	1	1	4	3	4	9	4	3	6	8	31	
10. Diabetes .....	{ M. 86	.....	1	2	2	8	3	3	3	11	4	6	6	8	11	18
{ F. 74	.....	.....	.....	4	1	4	3	3	2	4	4	6	6	10	23	
11. Others of this group .....	{ M. 26	7	13	.....	.....	3	1	.....	1	.....	1	2	2	1	2	4
{ F. 30	6	9	.....	.....	2	2	3	1	2	2	1	1	1	2	4	
12. Others of this class .....	{ M. 2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
{ F. ....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
II.—Diseases of the nervous system .....																
General diseases—D .....	6,003	1,394	2,346	177	60	60	91	118	114	184	172	228	279	257	368	1,543
Males .....	3,068	759	1,274	94	41	26	44	66	65	94	101	115	140	116	192	700
Females .....	2,935	635	1,072	83	25	34	47	52	49	90	71	113	139	141	176	843
1. Inflammation of the brain .....	{ M. 874	329	655	59	23	11	18	21	10	19	15	10	8	6	6	13
{ F. 688	204	515	54	15	9	10	7	14	10	8	7	15	5	1	18	
2. Apoplexy .....	{ M. 755	7	10	3	4	2	7	15	15	27	33	48	66	54	108	363
{ F. 843	3	4	2	.....	3	6	12	9	34	19	55	61	63	108	467	
3. Paralysis .....	{ M. 379	4	14	2	.....	2	1	7	6	11	20	29	29	24	34	209
{ F. 409	4	9	1	1	1	4	7	2	15	13	20	25	36	37	238	
4. Tetanus and trismus nascentium .....	{ M. 32	12	12	2	2	3	2	3	2	.....	.....	3	.....	.....	.....	3
{ F. 19	15	15	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
5. Epilepsy .....	{ M. 59	4	6	6	5	4	4	6	4	9	1	1	2	3	1	7
{ F. 49	.....	1	5	2	5	3	5	5	1	3	5	6	1	3	3	6
6. Convulsions .....	{ M. 485	323	456	12	1	2	.....	2	1	2	.....	3	.....	2	3	1
{ F. 459	296	425	8	.....	2	6	3	2	3	2	.....	3	1	2	2	
7. Mental diseases .....	{ M. 40	.....	.....	.....	.....	2	2	4	6	1	2	4	2	2	5	12
{ F. 52	.....	.....	.....	.....	2	3	2	2	1	7	1	1	4	5	6	19
8. Diseases of the brain .....	{ M. 333	68	101	9	5	1	7	6	18	19	20	17	20	18	21	71
{ F. 305	47	83	9	6	9	10	10	13	18	8	17	22	19	12	69	
9. Diseases of the spinal cord .....	{ M. 88	11	19	.....	1	1	3	2	2	5	7	6	10	7	10	15
{ F. 68	6	19	2	1	3	1	3	1	3	2	8	5	4	6	5	8
10. Others of this class .....	{ M. 23	1	1	1	.....	.....	.....	1	1	3	3	3	3	4	4	6
{ F. 43	.....	1	1	1	.....	4	3	5	3	1	1	4	2	2	16	
III.—Diseases of the circulatory system.																
General diseases—D .....	3,911	299	333	67	85	108	114	172	185	201	252	276	301	324	371	1,122
Males .....	1,910	170	187	29	34	51	58	87	81	99	120	137	139	166	197	525
Females .....	2,001	129	146	38	51	57	56	85	104	102	132	139	162	158	174	597
1. Angina pectoris .....	{ M. 38	.....	.....	.....	.....	.....	.....	2	.....	.....	1	2	2	3	5	17
{ F. 36	.....	.....	.....	.....	.....	2	1	2	1	1	2	2	5	1	5	14
2. Aneurism .....	{ M. 55	.....	.....	.....	.....	.....	.....	3	2	.....	5	10	10	4	3	12
{ F. 18	.....	.....	.....	.....	.....	1	.....	.....	1	1	1	4	.....	2	1	8



TABLE 84.—DEATHS AMONG THE COLORED POPULATION OF BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes .....	1,590	406	661	54	33	41	85	94	89	107	90	88	43	46	37	122
Males .....	844	212	347	20	10	19	38	41	58	70	64	60	21	26	21	49
Females .....	746	194	314	34	23	22	47	53	31	37	26	28	22	20	16	73
Unknown causes .....	9	4	5								1				1	2
Males .....	3	1	1								1					1
Females .....	6	3	4												1	1
I.—General diseases:																
General diseases—A .....	223	107	149	13	4	3	10	11	5	8	7	5	1	2	1	4
Males .....	112	55	80	4	2	2	4	5	2	3	3	2	1	1	1	2
Females .....	111	52	69	9	2	1	6	6	3	5	4	3		1		2
1. Smallpox .....	{ M. 1							1								
F. ....																
2. Measles .....	{ M. 1		1													
F. ....			2													
3. Scarlet fever .....	{ M. 3		2	1												
F. ....			1	1												
4. Diphtheria .....	{ M. 12	1	10	2												
F. ....		2	5	2								1				
5. Whooping cough .....	{ M. 11	6	11													
F. ....		7	14	1												
6. Fever .....	{ M. ....															
F. ....																
7. Cerebro-spinal fever .....	{ M. 2	1	2													
F. ....				1												
8. Typhoid fever .....	{ M. 16			1	2	2	1	4	1	1	1	2			1	
F. ....		18		1	2	1	5	3	2	1	1	2				
9. Diarrheal diseases .....	{ M. 20	15	15					1		2	1					1
F. ....		6	6	1				1	1	2	3			1		
10. Cholera infantum .....	{ M. 37	30	37													
F. ....		35	38													
11. Malarial fever .....	{ M. 1						1						1			
F. ....		2		1			1									
12. Erysipelas .....	{ M. 3	1	1				1									1
F. ....																
13. Septicæmia .....	{ M. 2							1	1	1						
F. ....		2														
14. Venereal diseases .....	{ M. 4	1	1				2							1		
F. ....		2	3	1						1						
15. Others of this group .....	{ M. ....															2
F. ....		2														
General diseases—B .....	29	19	21							2	1	2	1		2	
Males .....	19	11	12							2	1	1	1		2	
Females .....	10	8	9									1				
1. Parasitic diseases .....	{ M. ....															
F. ....																
2. Alcoholism .....	{ M. 5								2			1	1		1	
F. ....		1										1				
3. Lead poison .....	{ M. ....															
F. ....																
4. Other poisons .....	{ M. 2										1				1	
F. ....																
5. Inanition .....	{ M. 12	11	12													
F. ....		8	9													
General diseases—C .....	144	101	117	1		1							1	2		22
Infants .....	71	55	66													5
Infants .....	73	46	51	1		1							1	2		17
1. Pre birth .....	{ M. 9	9	9													
F. ....		13	12													
2. Still birth .....	{ M. 10	10	10													
F. ....		9	9													
3. Misanthropy .....	{ M. 2	2	2													
F. ....																
4. Misanthropy .....	{ M. 47	34	45			1										8
F. ....		24	20	1		1							1	2		2
5. Misanthropy .....	{ M. 3															

TABLE 84.—DEATHS AMONG THE COLORED POPULATION OF BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>I.—General diseases—Continued.</b>																
General diseases—D .....	452	31	80	16	18	27	53	52	42	50	39	32	10	10	8	15
Males .....	236	11	36	5	4	14	23	23	30	31	26	24	6	4	7	3
Females .....	216	20	44	11	14	13	30	29	12	19	13	8	4	6	1	12
1. Rheumatism. .... { M	2			1					1	1		1				
{ F	4															
2. Scrofula and tabes. .... { M	3	1	2						1							
{ F	3	1	1		2											
3. Leprosy .....																
{ M																
{ F																
4. Consumption .....	207	7	22	3	3	14	23	21	28	29	25	22	6	2	6	3
{ F	173	10	29	10	11	12	30	27	11	15	10	5	3	3	1	6
5. Hydrocephalus .....	16	3	11	2	1			2								
{ F	14	8	12			1		1								
6. Cancer .....	5									1	1	1		1	1	
{ F	16							1		3	2	3	1	2		4
7. Tumor .....	1													1		
{ F	1															1
8. Anæmia. .... { M					1											
{ F	2	1	1													
9. Dropsy .....																
{ F	1															1
10. Diabetes. .... { M																
{ F	1													1		
11. Others of this group .....	2		1						1							
{ F	1		1													
12. Others of this class .....																
{ F																
<b>II.—Diseases of the nervous system.</b>	124	41	62	6			8	1	4	8	2	4	5	8	5	21
Males .....	66	26	37	2			2		3	1	2	3	2	4		10
Females .....	58	15	25	4			1	1	1	2		1	3	4	5	11
1. Inflammation of the brain { M	16	8	14	1			1									
{ F	9	4	8	1												
2. Apoplexy .....	8	1	1						1			1	2			
{ F	13											1	3	2		
3. Paralysis .....	8								1			1				
{ F	8								1							
4. Tetanus and trismus nascentium. .... { M																
{ F																
5. Epilepsy .....							1									
{ F	1															
6. Convulsions .....	19	14	18	1												
{ F	16	10	13	2												
7. Mental diseases .....	2						1		1							
{ F	1							1								
8. Diseases of the brain. .... { M	11	8	4													
{ F	9	1	4	1												
9. Diseases of the spinal cord { M																
{ F																
10. Others of this class .....	2															
{ F	1															
<b>III.—Diseases of the circulatory system.</b>	119	6	10	2												
Males .....	71	3	4													
Females .....	48	3	6													
1. Angina pectoris .....																
{ F																
2. Aneurism .....	4															
{ F																
3. Diseases of the heart. .... { M																
{ F																
4. Others of this .....																
{ F																

TABLE 84.—DEATHS AMONG THE COLORED POPULATION OF BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>IV.—Diseases of the respiratory system.</b>	322	80	192	12	4	2	5	11	10	17	7	15	5	6	10	26
Males .....	173	42	100	4	1	1	3	5	6	11	7	11	3	4	5	12
Females .....	149	38	92	8	3	1	2	6	4	6	4	4	2	2	5	14
1. Croup .....	{ M. 6 F. 1	{ 1 1	{ 5 1	{ 1 1												
2. Laryngitis .....	{ M. 1 F. 2	{ 1 1	{ 1 2													
3. Bronchitis .....	{ M. 54 F. 64	{ 20 26	{ 46 53	{ 2 3	{ 1 1						{ 1 1	{ 1 1		{ 1 1	{ 1 2	{ 3 3
4. Pneumonia .....	{ M. 98 F. 70	{ 17 8	{ 43 32	{ 1 5	{ 1 1	{ 1 1	{ 3 2	{ 5 4	{ 6 4	{ 10 4	{ 6 4	{ 8 4	{ 2 1	{ 3 1	{ 4 2	{ 5 10
5. Pleurisy .....	{ M. 5 F. 2							{ 1 1		{ 1 1		{ 1 1		{ 1 1	{ 1 1	{ 2 1
6. Asthma .....	{ M. 1 F. 1															{ 1 1
7. Others of this class .....	{ M. 9 F. 9	{ 3 2	{ 5 4		{ 1 1			{ 1 1		{ 2 2		{ 1 1		{ 1 1		{ 2 1
<b>V.—Diseases of the digestive system.</b>	42	6	11		1	1	3	1	4	6	3	7		2		3
Males .....	20	3	5		1			1	2	4	2	2		1		2
Females .....	22	3	6			1	3		2	2	1	5		1		1
1. Dentition .....	{ M. 1 F. 1		{ 1 1													
2. Angina .....	{ M. 2 F. 3	{ 2 2	{ 2 3													
3. Diseases of the stomach .....	{ M. 4 F. 3								{ 1 1	{ 1 1		{ 1 1				{ 1 1
4. Obstruction of the bowels .....	{ M. 2 F. 1								{ 1 1					{ 1 1		
5. Hernia .....	{ M. 2 F. 1	{ 1 1	{ 1 1							{ 1 1		{ 1 1				
6. Other diseases of the bowels .....	{ M. 1 F. 1															
7. Jaundice .....	{ M. 1 F. 1															
8. Inflammation and abscess of the liver .....	{ M. 1 F. 1															{ 1 1
9. Other diseases of the liver .....	{ M. 1 F. 1										{ 1 1	{ 1 1				
10. Peritonitis .....	{ M. 5 F. 11	{ 1 1	{ 2 2		{ 1 1	{ 1 1	{ 3 3	{ 1 2		{ 2 1	{ 1 1	{ 1 1		{ 1 1		
11. Ascites .....	{ M. 2 F. 2											{ 2 2				
12. Others of this class .....	{ M. 2 F. 2		{ 1 1								{ 1 1					
<b>VI.—Diseases of the urinary system and male organs of generation.</b>	57	1	1	1	2		3	4	5	2	6	8	5	5	2	13
Males .....	40	1	1	1			1	2	4	2	6	5	4	4	1	9
Females .....	17				2		2	2	1	2	6	3	1	1	1	4
1. Bright's disease .....	{ M. 19 F. 9				{ 1 1		{ 2 2	{ 1 1	{ 1 1	{ 1 1	{ 4 4	{ 4 1	{ 3 1	{ 2 1	{ 1 1	{ 2 1
2. Calculus, urinary .....	{ M. 1 F. 1															{ 1 1
3. Diseases of the kidney .....	{ M. 16 F. 7	{ 1 1	{ 1 1	{ 1 1				{ 1 1	{ 3 3	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 2 2		{ 4 2
4. Diseases of the bladder .....	{ M. 2 F. 1											{ 2 2				{ 2 1
5. Others of this class .....	{ M. 2 F. 2						{ 1 1				{ 1 1					
<b>VII.—Diseases of the female organs of generation.</b>	6							2	1				3			
1. Ovarian tumors .....	1												1			
2. Ovarian diseases .....	2															
3. Uterine tumors .....	2							1					1			
4. Uterine diseases .....	3															
5. Others of this class .....	3							1	1				1			
<b>VIII.—Affections connected with pregnancy.</b>	8					2	2	4								
1. Abortion .....	2							2								
2. Childbirth .....																
3. Puerperal infections .....																



TABLE 84.—DEATHS AMONG THE COLORED POPULATION OF BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IX.—Diseases of the bones and joints....	10	.....	1	1	2	1	1	1	1	.....	1	.....	.....	.....	.....	1
Males .....	7	.....	1	1	1	.....	1	1	.....	.....	1	.....	.....	.....	.....	1
Females.....	3	.....	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
1. Diseases of the spine.... { M. 3	3	.....	1	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 3	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
2. Diseases of the bones.... { M. 1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Diseases of the hip joint. { M. 2	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Others of this class..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
X.—Diseases of the skin .....	3	2	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Males .....	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Females.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1. Abscess .....	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
{ M. 1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Carbuncle .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ M. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Others of this class..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XI.—Diseases of the absorbent system....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Males .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Females.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1. Addison's disease..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Diseases of the spleen.... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Others of this class..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XII.—Accidents and injuries .....	42	8	10	2	1	2	2	5	1	6	4	5	1	.....	2	1
Males .....	24	3	3	1	1	1	1	4	.....	5	2	4	1	.....	1	.....
Females.....	18	5	7	1	.....	1	1	1	1	1	2	1	.....	.....	1	1
1. Burns and scalds..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
{ F. 1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Drowned .....	2	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Exposure and neglect.... { M. 1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Gunshot wounds .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5. Homicide..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6. Infanticide .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ M. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. Injuries by machinery.... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. Railroad accidents..... { M. 1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
9. Suffocation .....	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ M. 1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Suicide by shooting..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Suicide by drowning..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Suicide by poison..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Other suicides..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Sunstroke .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. Surgical operations..... { M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 5	.....	.....	.....	1	.....	.....	1	1	.....	.....	1	2	.....	.....	.....	.....
16. Wounds .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ M. 1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F. 1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

TABLE 85.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN THE UNITED STATES, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	18,969	5,640	8,395	807	276	393	507	579	588	608	620	664	655	683	739	3,455
Males.....	9,653	3,084	4,523	376	135	183	269	287	277	308	311	342	342	373	414	1,513
Females.....	9,316	2,556	3,872	431	141	210	238	292	311	300	309	322	313	310	325	1,942
Unknown causes.....	71	26	33	3				1	3	2	1	4	2	2	5	15
Males.....	33	11	16	3					2			3	1	1	2	5
Females.....	38	15	17					1	1	2	1	1	1	1	3	10
I.—General diseases:																
General diseases—A.....	3,816	1,601	2,722	396	85	70	52	64	47	29	43	36	29	26	45	172
Males.....	1,946	901	1,432	178	43	29	27	39	25	8	24	20	20	11	25	35
Females.....	1,870	790	1,290	218	42	41	25	25	22	21	19	16	9	15	20	107
1. Smallpox..... { M.....	1											1				
{ F.....																
2. Measles..... { M.....	45	19	43	2												
{ F.....	32	11	30	2												
3. Scarlet fever..... { M.....	128	5	90	28	6	2		2								
{ F.....	114	6	66	38	3	4			2		1					
4. Diphtheria..... { M.....	459	27	282	128	28	6	4	5	2	1	1		1			1
{ F.....	472	17	281	149	27	6	2	2	1	2	1	1				
5. Whooping cough..... { M.....	86	57	85	1												
{ F.....	103	60	100	2	1											
6. Fever..... { M.....	2					1										1
{ F.....																
7. Cerebro-spinal fever..... { M.....	24	9	15	3	1	2	1		1		1					2
{ F.....	20	7	11		1	1	1	1	1			1		1		
8. Typhoid fever..... { M.....	121	1	7	8	6	13	15	26	15	4	8	5	6		4	4
{ F.....	108	2	4	9	10	23	16	9	8	7	5	3	3	3	1	7
9. Diarrheal diseases..... { M.....	374	261	303	6	2	4	2	1	3		2	7	3	4	11	26
{ F.....	445	259	304	14		4	1	4	3	7	9	7	1	9	11	71
10. Cholera infantum..... { M.....	541	464	541													
{ F.....	441	380	441													
11. Malarial fever..... { M.....	13						1	1			4	1	2		1	3
{ F.....	7			1			1			1		1			1	2
12. Erysipelas..... { M.....	36	11	11					1	1	1	3	2	2	3	4	8
{ F.....	26	14	14					1			1	1			2	7
13. Septicæmia..... { M.....	36	4	7	1		1	2	3	3	1	4	1	3	2	2	6
{ F.....	39	3	4	1		3	2	8	7	2	2	1	3	1	3	2
14. Venereal diseases..... { M.....	48	39	43				2					1	1	1		
{ F.....	33	24	28	1			1			2		1				
15. Others of this group..... { M.....	32	4	5	1				1		1	1	2	2	1	3	16
{ F.....	30	7	7	1									2	1	2	16
General diseases—B.....	272	184	198		1		2	7	10	19	13	5	8	5	1	3
Males.....	164	102	110		1			5	6	15	9	4	5	5	1	3
Females.....	108	82	88				2	2	4	4	4	1	3			
1. Parasitic diseases..... { M.....																
{ F.....																
2. Alcoholism..... { M.....	42							4	5	13	7	3		5	1	1
{ F.....	9								2	3	2	1	1			
3. Lead poison..... { M.....	1												1			
{ F.....																
4. Other poisons..... { M.....	9		1					1	1	2	2	1	1			
{ F.....	11		1				1		2	1	2		2			
5. Inanition..... { M.....	112	102	109		1											2
{ F.....	88	82	87				1									
General diseases—C.....	2,256	1,603	1,692	6	4	4		1	3	3	1	6	5	6	11	514
Males.....	1,138		911	2	1					1	1	3	2	2	4	191
Females.....	1,118		781	4	3	4		1	3	2		3	3	4	7	323
1. Premature birth..... { M.....	257		257													
{ F.....	206		206													
2. Stillborn..... { M.....	166		66													
{ F.....	117		7													
3. Malformation..... { M.....	38															
{ F.....	27															
4. Dehiscence..... { M.....				2	1					1	1	3	2	2	4	73
{ F.....				4	3	4		1	3			3	3	4	6	118

TABLE 85.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN THE UNITED STATES, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>I.—General diseases.—Continued.</b>																
General diseases—D .....	3,378	335	694	95	72	168	270	250	239	221	205	201	178	164	160	461
Males .....	1,489	181	372	39	19	67	135	117	111	103	77	79	71	65	66	168
Females .....	1,889	154	322	56	53	101	135	133	128	118	128	122	107	99	94	293
1. Rheumatism .....	{ M. 27 F. 37	{ 1 1	{ 1 3	{ 4 4	{ 1 4	{ 1 2	{ 1 2	{ 2 3	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 14 7
2. Scrofula and tubercles .....	{ M. 41 F. 37	{ 24 15	{ 33 18	{ 5 4	{ 3 3	{ 2 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 2	{ 1 1
3. Leprosy .....	{ M. F.	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 
4. Consumption .....	{ M. 918 F. 959	{ 50 37	{ 99 89	{ 11 21	{ 10 39	{ 61 94	{ 132 125	{ 110 117	{ 104 108	{ 83 75	{ 71 74	{ 61 53	{ 46 33	{ 39 33	{ 31 22	{ 60 76
5. Hydrocephalus .....	{ M. 256 F. 234	{ 97 89	{ 224 196	{ 16 23	{ 4 2	{ 2 2	{ 1 1	{ 4 3	{ 1 1	{ 1 1	{ 1 2	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1
6. Cancer .....	{ M. 146 F. 406	{ 1 5	{ 1 6	{ 1 1	{ 1 1	{ 1 1	{ 1 5	{ 1 10	{ 1 31	{ 6 37	{ 3 53	{ 11 53	{ 16 62	{ 16 48	{ 22 49	{ 68 163
7. Tumor .....	{ M. 15 F. 42	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 3 7
8. Anæmia .....	{ M. 15 F. 34	{ 3	{ 3 4	{ 2 1	{ 1 2	{ 1 1	{ 2 2	{ 1 1	{ 2 2	{ 2 1	{ 1 1	{ 1 4	{ 1 3	{ 2 2	{ 2 2	{ 5 8
9. Dropsy .....	{ M. 24 F. 30	{ 3 2	{ 3 2	{ 1 1	{ 1 1	{ 1 1	{ 2 2	{ 1 1	{ 2 1	{ 1 1	{ 1 3	{ 1 1	{ 2 1	{ 3 2	{ 4 4	{ 6 12
10. Diabetes .....	{ M. 43 F. 38	{ 	{ 	{ 	{ 2 2	{ 4 1	{ 1 3	{ 1 2	{ 1 2	{ 7 4	{ 1 1	{ 3 1	{ 3 1	{ 5 5	{ 5 5	{ 11 14
11. Others of this group .....	{ M. 9 F. 12	{ 4 2	{ 7 3	{ 	{ 	{ 1 1	{ 	{ 1 1	{ 1 1	{ 1 1	{ 	{ 1 1	{ 1 1	{ 	{ 1 1	{ 4 4
12. Others of this class .....	{ M. F.	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 
<b>II.—Diseases of the nervous system.</b>																
General diseases—D .....	2,417	507	992	63	15	18	16	23	35	61	55	75	100	109	128	717
Males .....	1,282	338	551	36	9	6	7	11	20	27	34	43	56	62	85	335
Females .....	1,135	259	441	27	6	12	9	12	15	34	21	32	44	47	53	382
1. Inflammation of the brain .....	{ M. 343 F. 255	{ 154 102	{ 280 204	{ 20 18	{ 5 3	{ 2 3	{ 2 1	{ 4 4	{ 1 5	{ 3 3	{ 3 3	{ 6 2	{ 2 2	{ 5 2	{ 2 1	{ 8 5
2. Apoplexy .....	{ M. 307 F. 297	{ 5 2	{ 6 3	{ 1 1	{ 1 1	{ 1 1	{ 1 2	{ 3 1	{ 3 2	{ 7 10	{ 8 4	{ 15 16	{ 24 10	{ 26 18	{ 51 33	{ 160 188
3. Paralysis .....	{ M. 177 F. 170	{ 2 2	{ 7 5	{ 2 1	{ 1 1	{ 1 1	{ 1 1	{ 2 2	{ 3 2	{ 11 7	{ 10 1	{ 14 5	{ 12 7	{ 12 12	{ 13 7	{ 101 119
4. Tetanus and trismus nascentium .....	{ M. 9 F. 8	{ 4 7	{ 4 7	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1
5. Epilepsy .....	{ M. 24 F. 21	{ 3 1	{ 5 2	{ 2 2	{ 1 1	{ 1 3	{ 2 3	{ 2 1	{ 2 1	{ 4 1	{ 3 3	{ 2 2	{ 1 1	{ 2 1	{ 2 1	{ 4 3
6. Convulsions .....	{ M. 201 F. 189	{ 130 121	{ 192 180	{ 4 1	{ 1 1	{ 2 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 1 1
7. Mental diseases .....	{ M. 17 F. 19	{ 	{ 	{ 	{ 	{ 1 1	{ 1 2	{ 2 1	{ 2 1	{ 1 1	{ 1 2	{ 1 1	{ 1 1	{ 1 1	{ 2 1	{ 8 11
8. Diseases of the brain .....	{ M. 150 F. 133	{ 35 23	{ 48 39	{ 5 4	{ 1 1	{ 1 2	{ 1 1	{ 1 3	{ 7 2	{ 8 6	{ 8 4	{ 6 3	{ 6 11	{ 10 6	{ 10 6	{ 39 45
9. Diseases of the spinal cord .....	{ M. 42 F. 25	{ 5 2	{ 9 3	{ 	{ 1 1	{ 1 1	{ 1 1	{ 1 1	{ 2 1	{ 1 1	{ 3 4	{ 2 3	{ 6 1	{ 5 4	{ 4 3	{ 9 4
10. Others of this class .....	{ M. 12 F. 18	{ 	{ 	{ 1 	{ 	{ 	{ 	{ 1 1	{ 4 4	{ 2 2	{ 	{ 2 1	{ 2 2	{ 	{ 2 1	{ 4 7
<b>III.—Diseases of the circulatory system.</b>																
General diseases—D .....	1,356	131	153	29	20	28	22	37	38	48	68	79	91	107	137	499
Males .....	752	68	78	11	9	16	16	18	19	32	42	44	52	66	88	261
Females .....	604	63	75	18	11	12	6	19	19	16	26	35	39	41	49	238
1. Angina pectoris .....	{ M. 23 F. 17	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 1 1	{ 1 1	{ 1 1	{ 3 1	{ 3 1	{ 14 8
2. Aneurism .....	{ M. 28 F. 8	{ 	{ 	{ 	{ 	{ 1 1	{ 	{ 	{ 1 1	{ 2 2	{ 4 4	{ 5 5	{ 1 1	{ 2 2	{ 3 3	{ 8 4
3. Diseases of the heart .....	{ M. 655 F. 531	{ 32 22	{ 40 32	{ 11 16	{ 9 11	{ 16 9	{ 16 6	{ 18 18	{ 18 18	{ 30 15	{ 30 15	{ 30 15	{ 30 15	{ 30 15	{ 30 15	{ 30 15
4. Others of this class .....	{ M. 46 F. 48	{ 36 41	{ 38 43	{ 2 2	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 



TABLE 85.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS. ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN THE UNITED STATES, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IX.—Diseases of the bones and joints.....	73	2	13	11	6	5	4	5	2	1	5	3	3	4	2	9
Males .....	41	2	9	6	4	3	3	4	1	2	2	2	1	1	3	
Females .....	32	1	4	5	2	2	1	1	2	1	3	1	1	3	1	6
1. Diseases of the spine ..... { M..	24	2	9	4	2	1	1	1	1	1	1	1	1	1	1	2
{ F..	20	1	2	3	2	2	1	1	2	1	1	1	1	1	1	3
2. Diseases of the bones ..... { M..	7	1	1	1	1	1	2	1	1	1	1	1	2	1	1	2
{ F..	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3. Diseases of the hip joint. { M..	9	1	1	2	1	2	1	2	1	1	1	1	1	1	1	1
{ F..	4	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
4. Others of this class. .... { M..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X.—Diseases of the skin.....	36	11	15	2	2	1	1	1	1	2	1	1	5	1	1	5
Males .....	19	5	8	1	2	1	1	1	1	2	1	1	3	1	1	5
Females .....	17	6	7	1	1	1	1	1	1	1	1	1	2	1	1	5
1. Abscess..... { M..	15	4	6	1	2	1	1	1	1	2	1	1	2	1	1	2
{ F..	10	5	6	1	1	1	1	1	1	1	1	1	1	1	1	2
2. Carbuncle..... { M..	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3. Others of this class ..... { M..	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	3
{ F..	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
XI.—Diseases of the absorbent system ..	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Males .....	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Females .....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1. Addison's disease ..... { M..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2. Diseases of the spleen ..... { M..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3. Others of this class ..... { M..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
XII.—Accidents and injuries.....	691	83	129	41	26	30	45	51	37	53	44	56	32	28	29	90
Males .....	478	44	74	30	23	23	38	30	26	38	34	42	25	20	19	47
Females .....	213	39	55	11	3	7	7	12	11	15	10	14	7	8	10	43
1. Burns and scalds..... { M..	21	1	12	1	1	1	1	1	1	1	2	1	1	1	1	2
{ F..	32	1	10	5	2	1	1	1	3	1	3	4	1	1	1	2
2. Drowned..... { M..	45	1	1	10	7	2	5	2	3	4	3	3	2	1	2	1
{ F..	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3. Exposure and neglect..... { M..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
4. Gunshot wounds..... { M..	4	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5. Homicide..... { M..	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Infanticide..... { M..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7. Injuries by machinery..... { M..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8. Railroad accidents ..... { M..	89	3	5	7	6	14	14	9	6	6	9	4	1	2	3	1
{ F..	15	1	1	2	1	1	1	3	2	2	2	1	1	1	1	1
9. Suffocation..... { M..	30	25	25	1	1	1	1	1	1	1	1	1	1	1	1	2
{ F..	21	17	17	1	1	1	1	1	1	1	1	1	1	1	1	2
10. Suicide by shooting..... { M..	27	1	1	1	1	6	6	1	3	1	2	1	1	2	2	4
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11. Suicide by drowning..... { M..	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
{ F..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12. Suicide by poison ..... { M..	18	6	6	1	1	1	1	3	2	2	1	4	1	3	1	1
{ F..	6	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1
13. Other suicides..... { M..	32	6	6	1	1	1	1	1	5	3	4	5	1	4	1	1
{ F..	6	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1
14. Sunstroke..... { M..	6	3	3	1	3	1	1	1	1	1	1	1	1	1	1	2
{ F..	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1
15. Surgical operations ..... { M..	11	2	2	1	1	1	1	2	1	1	2	1	1	1	1	1
{ F..	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16. Wounds..... { M..	8	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1

**TABLE 86.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN ENGLAND AND WALES, WITH DISTINCTION OF AGE AND SEX.**

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	2,149	506	805	70	32	46	73	84	101	100	100	110	122	101	89	316
Males.....	1,076	270	424	27	12	17	33	36	43	50	52	61	69	63	46	143
Females.....	1,073	236	381	43	20	29	40	48	58	50	48	49	53	38	43	173
Unknown causes.....	7	2	2					2	1		1					1
Males.....	4							1	1		1					1
Females.....	3	2	2					1								
<b>I.—General diseases:</b>																
General diseases—A.....	437	173	301	40	10	4	15	9	5	3	7	3	10	9	3	18
Males.....	219	97	150	16	4	3	8	6	2	2	3	2	6	7	1	9
Females.....	218	76	151	24	6	1	7	3	3	1	4	1	4	2	2	9
1. Smallpox.....	{ M.. 1						1									
{ F..																
2. Measles.....	{ M.. 5	2	5													
{ F.. 10	1	8	1				1									
3. Scarlet fever.....	{ M.. 16		12	4												
{ F.. 14		9	4	1												
4. Diphtheria.....	{ M.. 37	2	23	10	2	1							1			
{ F.. 54	3	35	15	2	1	1										
5. Whooping cough.....	{ M.. 5	4	5													
{ F.. 8	3	8														
6. Fever.....	{ M..															
{ F..																
7. Cerebro-spinal fever.....	{ M..															
{ F.. 2	1	1	1													
8. Typhoid fever.....	{ M.. 25			1	1	2	7	4	1	1	2		3	2		1
{ F.. 17		1	1	1			5	2	1		3		1			2
9. Diarrheal diseases.....	{ M.. 40	22	26	1	1			1			1	2	1	2	1	4
{ F.. 44	25	30	1	1			1	1			1	1	2	2	2	4
10. Cholera infantum.....	{ M.. 73	62	73													
{ F.. 54	39	54														
11. Malarial fever.....	{ M.. 2															2
{ F.. 1																1
12. Erysipelas.....	{ M.. 4							1					1	2		
{ F.. 4	3	3												1		
13. Septicæmia.....	{ M.. 3								1	1				1		
{ F.. 3				1	1				1							
14. Venereal diseases.....	{ M.. 6	5	6													
{ F.. 3	1	1							1				1			
15. Others of this group.....	{ M.. 2															2
{ F.. 4		1												1		2
General diseases—B.....	23	12	12					1	1	2	1	2	1			3
Males.....	13	6	6					1	1	1	1	1	1			1
Females.....	10	6	6							1		1				2
1. Parasitic diseases.....	{ M..															
{ F..																
2. Alcoholism.....	{ M.. 2								1	1						
{ F.. 3									1			1				1
3. Lead poison.....	{ M.. 1											1				
{ F..																
4. Other poisons.....	{ M.. 3							1			1		1			
{ F..																
5. Inanition.....	{ M.. 7	6	6													1
{ F.. 7	6	6														1
General diseases—C.....	190	115	119	1	1					1			1	3	3	61
Males.....	87	61	64		1								1	1		20
Females.....	103	54	55	1						1				2	3	41
		19	19													
		11	11													
		15	15													
		9	9													
		1	1													
		1	1													

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.	
<b>I.—General diseases—Continued.</b>																	
General diseases—D .....	421	25	54	4	8	20	27	38	42	43	32	39	34	25	20	35	
Males .....	183	10	29	3	4	12	17	13	13	19	14	16	20	16	7	13	
Females .....	238	15	25	4	5	16	15	21	29	24	18	23	14	9	13	22	
1. Rheumatism .....	{ M F	3 2							1 1	1			1			1	
2. Scrofula and tabes .....	{ M F	3 2	1 1		1									1			
3. Leprosy .....	{ M F																
4. Consumption .....	{ M F	140 154	3 8	7 11	2 1	4 15	12 15	17 21	12 25	19 19	14 12	15 9	17 8	12 2	1 3	8 8	
5. Hydrocephalus .....	{ M F	20 16	6 7	20 13	3												
6. Cancer .....	{ M F	13 56							3 3	5		1 11	1 6	3 7	5 10	3 11	
7. Tumor .....	{ M F	1 1		1							1						
8. Anæmia .....	{ M F	1										1					
9. Dropsy .....	{ M F	1 4								1		1				1 2	
10. Diabetes .....	{ M F	1 1													1	1	
11. Others of this group .....	{ M F	1 1				1							1				
12. Others of this class .....	{ M F																
<b>II.—Diseases of the nervous system</b> .....		231	53	86	8	2	3	5	5	6	8	10	8	11	15	10	54
Males .....		129	25	49	3	1	1	1	1	5	4	6	5	7	9	7	30
Females .....		102	28	37	5	1	2	4	4	1	4	4	3	4	6	3	24
1. Inflammation of the brain .....	{ M F	37 23	13 10	28 14	3 3	1 1	1	1	1	1	1	1	1	1	1	1	1
2. Apoplexy .....	{ M F	33 24					1	1	1	2 2	3	1	4 3	6 1	4 2	12 12	
3. Paralysis .....	{ M F	23 9		1				1	1	1		1	1	2 1	2	13 7	
4. Tetanus and trismus nascentium .....	{ M F	1 1	1	1													
5. Epilepsy .....	{ M F	1 4				1 1		2	1								
6. Convulsions .....	{ M F	15 18	8 13	15 17	1												
7. Mental diseases .....	{ M F	1														1	
8. Diseases of the brain .....	{ M F	15 18	3 4	4 4	1	1		2	1	2 1	2 3		2	2	1	4 3	
9. Diseases of the spinal cord .....	{ M F	2 4	1	2							1	2		1			
10. Others of this class .....	{ M F	2 1									1				1	1	
<b>III.—Diseases of the circulatory system</b> .....		139	7	8	1	4	3	4	4	5	8	11	16	15	10	14	36
Males .....		65	3	3	1	1	2	1	1	2	3	5	11	8	5	7	15
Females .....		74	4	5		3	1	3	3	3	5	6	5	7	5	7	21
1. Angina pectoris .....	{ M F	1 1											1			1	
2. Aneurism .....	{ M F	3 4								1 1			2 2				1
3. Thrombosis .....	{ M F	58 1		2	1	3	1	3	3	3							



CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and un- known.
<b>IX.—Diseases of the bones and joints.</b>	4			1		2		1								
Males .....	3			1		2										
Females .....	1							1								
1. Diseases of the spine .....	2					2										
2. Diseases of the bones .....																
3. Diseases of the hip joint .....	1			1				1								
4. Others of this class .....																
<b>X.—Diseases of the skin.</b>	13	1	1							1	1	1	1	1	1	6
Males .....	7	1	1								1	1			1	3
Females .....	6									1			1	1		3
1. Abscess .....	5	1	1							1	1	1			1	1
2. Carbuncle .....	1															1
3. Others of this class .....	1												1			1
<b>XI.—Diseases of the absorbent system</b>	1														1	
Males .....	1														1	
Females .....																
1. Addison's disease .....	1														1	
2. Diseases of the spleen .....																
3. Others of this class .....																
<b>XII—Accidents and injuries</b>	84	9	21	1	3	2	7	2	8	7	10	6	5	5	3	4
Males .....	67	8	17	1	2	2	4	1	7	6	8	6	2	5	2	4
Females .....	17	1	4		1		3	1	1	1	2		3		1	
1. Burns and scalds .....	2	1	2				1						1			
2. Drowned .....	8		1		1			1	1	1		1		1	1	
3. Exposure and neglect .....																
4. Gunshot wounds .....																
5. Homicide .....	1												1			
6. Infanticide .....																
7. Injuries by machinery .....																
8. Railroad accidents .....	8		1						1	1	3	1				1
9. Suffocation .....	10	6	8						1	1					1	
10. Suicide by shooting .....	1															1
11. Suicide by drowning .....	2									1				1		
12. Suicide by poison .....	4						1				1			1		
13. Other suicides .....	1						1		1							
14. Sunstroke .....																
15. Surgical operations .....	2					1						1		1		
16. Wounds .....																
17. Other accidents and in-	29	1	6		1	1	1	1	3	2	1	1	1	2	2	1

TABLE 87.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN IRELAND, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	24,726	3,916	6,433	692	352	824	1,552	1,927	1,611	1,563	1,371	1,291	1,251	1,087	1,174	3,598
Males.....	12,034	2,128	3,404	342	168	349	780	1,055	828	791	692	646	597	470	490	1,422
Females.....	12,692	1,788	3,029	350	184	475	772	872	783	772	679	645	654	617	684	2,176
Unknown causes.....	102	20	23	1	3	1	7	5	8	6	5	8	9	7	7	12
Males.....	52	14	16	1	3	1	3	1	3	4	1	5	4	3	3	8
Females.....	50	6	7	1	3	1	4	4	5	2	4	3	5	4	4	4
I.—General diseases:																
General diseases—A.....	3,781	1,284	2,344	289	91	84	131	149	94	72	58	53	58	64	62	232
Males.....	1,829	662	1,170	130	47	39	72	82	38	36	28	29	27	26	21	84
Females.....	1,952	622	1,174	159	44	45	59	67	56	36	30	24	31	38	41	148
1. Smallpox.....	{ M F															
2. Measles.....	{ M F	42 48	12 11	42 43	2		1	1	1							
3. Scarlet fever.....	{ M F	100 124	5 10	66 91	18 24	6 4	2 1	2 2	3 2	2 1						
4. Diphtheria.....	{ M F	366 391	19 22	250 255	86 103	16 19	4 5	3 4	3 1	1 1	1 1		1			1 1
5. Whooping cough.....	{ M F	67 96	37 46	65 92	2 3											1
6. Fever.....	{ M F	1														1
7. Cerebro-spinal fever.....	{ M F	15 11	4 3	10 5	2	3		1	2							1
8. Typhoid fever.....	{ M F	255 195	1	7 3	8 7	13 14	20 32	62 35	62 35	22 13	16 11	10 3	5 7	3 2	3 2	6 4
9. Diarrheal diseases.....	{ M F	432 538	218 191	264 238	13 15	4 5	11 3	7	5 14	9 16	8 11	6 19	11 17	13 30	14 33	61 118
10. Cholera infantum.....	{ M F	432 416	342 316	432 416												
11. Malarial fever.....	{ M F	6 7				1		1	2	1			1	1	1	1 2
12. Erysipelas.....	{ M F	44 34	8 10	9 12	1	2		2	5 1	2 2	6 2	1 1	2 1	4 1	3 3	4 8
13. Septicæmia.....	{ M F	23 47	2 4	4 8	1 2	2	2	1 7	2 6	1 7	2 3	2 2	2 2	2 2		2 2
14. Venereal diseases.....	{ M F	26 22	12 9	17 10	1			1 1	2 4	1 1	1 3	1 1	1 1	1		
15. Others of this group.....	{ M F	21 22	2	4 1	1	1			1 1	1 1	1	3	1 2	3 1	1 2	8 11
General diseases—B.....	435	144	148	1		3	13	34	45	58	40	26	18	13	14	22
Males.....	255	68	70			2	8	28	32	40	24	16	10	7	6	12
Females.....	180	76	78	1		1	5	6	13	18	16	10	8	6	8	10
1. Parasitic diseases.....	{ M F															
2. Alcoholism.....	{ M F	172 85					8 3	28 6	31 12	38 17	22 16	15 9	10 8	6 4	3 6	11 4
3. Lead poison.....	{ M F	4				1				1	1	1				
4. Other poisons.....	{ M F	7 9		1 2			1 1		1 1	1 1	1				2 1	
5. Inanition.....	{ M F	72 86	68 75	69 76				1						1 2	1 1	1 6
General diseases—C.....	2,050	1,001	1,078	4	4	3	2	7	7	9	7	8	19	20	64	818
Males.....	914	549	588	1	3		1	3	3	2	1	1	4	9	25	273
Females.....	1,136	452	490	3	1	3	1	4	4	7	6	7	15	11	39	545
1. Premature birth.....	{ M F	148 106	148 106	148 106												
2. Stillborn.....	{ M F	122 90	122 90	122 90												
3. Malformation.....	{ M F	24 18	24 18													
					3		1	3	3	2	1	1	4	9	19	97
					3		1	4	4	7	6	7	15	11	32	191

TABLE 87.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN IRELAND, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>I.—General diseases.—Continued.</b>																
General diseases—D .....	6,938	194	459	82	96	469	917	1,022	804	737	544	434	373	283	254	461
Males .....	3,282	111	257	37	30	182	438	507	410	346	264	206	178	115	117	195
Females .....	3,656	83	202	45	66	287	479	515	394	391	280	228	195	168	137	266
1. Rheumatism .....	{ M. 47	.....	.....	2	1	.....	1	6	3	2	1	4	5	4	9	9
F. 56	.....	.....	.....	2	3	3	4	3	2	1	4	4	7	7	2	14
2. Scrofula and tabes .....	{ M. 37	13	22	2	1	2	3	2	2	2	.....	.....	.....	1	.....	.....
F. 17	3	5	1	2	2	1	1	1	2	2	1	.....	.....	1	1	1
3. Leprosy .....	{ M. .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
F. .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Consumption .....	{ M. 2,724	34	68	16	17	168	423	490	395	326	240	173	129	81	77	121
F. 2,825	24	67	19	55	268	463	493	355	338	206	162	109	87	72	131	131
5. Hydrocephalus .....	{ M. 193	61	162	15	8	2	3	1	1	.....	.....	.....	.....	.....	.....	.....
F. 158	54	126	22	2	4	2	.....	2	.....	1	.....	.....	.....	.....	.....	1
6. Cancer .....	{ M. 187	.....	.....	.....	.....	1	1	3	4	10	15	23	39	22	22	47
F. 449	.....	.....	.....	1	2	1	2	6	27	44	54	50	62	61	47	92
7. Tumor .....	{ M. 19	1	1	.....	.....	1	3	2	1	1	2	1	1	2	2	2
F. 47	.....	.....	.....	.....	.....	1	1	1	2	2	5	7	6	6	6	9
8. Anæmia .....	{ M. 21	1	1	2	.....	.....	2	.....	1	2	1	2	5	1	3	7
F. 38	.....	.....	.....	.....	1	7	6	3	5	1	3	2	.....	1	1	3
9. Dropsy .....	{ M. 18	.....	.....	.....	3	3	.....	1	2	1	1	1	2	.....	1	1
F. 34	.....	.....	.....	.....	.....	.....	.....	2	2	2	4	2	2	3	3	13
10. Diabetes .....	{ M. 29	.....	1	.....	.....	4	1	2	2	3	3	.....	1	3	3	6
F. 22	.....	.....	.....	.....	1	.....	1	3	.....	.....	.....	1	4	3	4	5
11. Others of this group .....	{ M. 9	1	2	.....	.....	1	1	.....	.....	.....	.....	2	1	.....	.....	2
F. 10	2	2	.....	.....	.....	1	1	1	1	1	2	.....	.....	.....	.....	.....
12. Others of this class .....	{ M. .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
F. .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>II.—Diseases of the nervous system .....</b>																
Males .....	985	204	372	35	13	11	30	42	29	50	40	45	52	25	57	184
Females .....	1,062	173	202	37	9	13	24	22	25	37	34	58	66	66	96	303
1. Inflammation of the brain .....	{ M. 295	90	200	23	10	5	13	12	4	13	7	1	4	.....	2	1
F. 231	82	151	23	5	4	7	2	7	2	2	4	4	9	2	.....	11
2. Apoplexy .....	{ M. 249	2	4	1	.....	1	2	10	6	15	14	26	24	11	26	109
F. 390	.....	.....	.....	.....	.....	2	3	6	5	18	11	29	31	33	60	192
3. Paralysis .....	{ M. 118	2	3	.....	.....	.....	1	5	3	7	6	5	11	8	13	56
F. 152	.....	.....	.....	.....	.....	.....	1	4	.....	3	11	11	10	19	22	70
4. Tetanus and trismus nascentium .....	{ M. 15	6	6	1	.....	1	1	2	.....	.....	.....	2	.....	.....	.....	2
F. 6	6	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5. Epilepsy .....	{ M. 20	.....	.....	2	1	1	4	4	2	2	1	1	1	.....	1	.....
F. 16	.....	.....	.....	1	1	1	1	2	.....	1	1	3	1	.....	1	2
6. Convulsions .....	{ M. 141	90	129	5	.....	2	.....	1	.....	2	.....	.....	.....	1	1	.....
F. 126	76	105	6	.....	.....	3	3	3	1	3	1	.....	2	.....	1	1
7. Mental diseases .....	{ M. 16	.....	.....	.....	.....	.....	2	2	4	.....	.....	3	.....	1	2	2
F. 21	.....	.....	.....	.....	.....	1	2	.....	1	.....	2	1	3	2	5	4
8. Diseases of the brain .....	{ M. 100	11	24	3	2	.....	5	4	9	8	7	6	8	4	8	12
F. 102	9	24	4	3	4	.....	3	3	9	7	1	8	8	8	5	15
9. Diseases of the spinal cord .....	{ M. 27	3	6	.....	.....	1	2	2	.....	3	3	1	3	.....	4	2
F. 23	.....	.....	4	2	.....	1	1	2	1	1	2	2	2	1	2	2
10. Others of this class .....	{ M. 4	.....	.....	.....	.....	.....	.....	1	.....	.....	2	.....	1	.....	.....	.....
F. 15	.....	.....	.....	1	.....	.....	3	.....	1	2	1	.....	.....	1	.....	6
<b>III.—Diseases of the circulatory system .....</b>																
Males .....	720	50	53	13	14	24	37	52	46	49	51	66	52	64	50	149
Females .....	988	31	36	13	25	39	34	53	59	62	84	76	92	88	87	240
1. Angina pectoris .....	{ M. 5	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....
F. 13	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	1	.....	.....	.....	4
2. Aneurism .....	{ M. 19	.....	.....	.....	.....	.....	.....	3	.....	.....	2	4	3	.....	1	3
F. 4	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	2
3. Diseases of the heart .....	{ M. 653	13	16	13	14	24	37	49	48	45	46	62	47	61	49	144
F. 940	10	15	13	25	39	33	52	55	60	60	83	74	88	88	.....	.....
4. Others of this class .....	{ M. 43	37	37	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	2	.....
F. 31	21	21	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....

TABLE 87.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN IRELAND, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>IV.—Diseases of the respiratory system.</b>	<b>4,347</b>	<b>629</b>	<b>1,331</b>	<b>120</b>	<b>25</b>	<b>82</b>	<b>150</b>	<b>198</b>	<b>210</b>	<b>233</b>	<b>235</b>	<b>239</b>	<b>244</b>	<b>237</b>	<b>284</b>	<b>759</b>
Males .....	2,207	356	696	58	8	33	91	131	128	133	136	129	129	107	115	313
Females .....	2,140	273	635	62	17	49	59	67	82	100	99	110	115	130	169	446
1. Croup .....	{ M. 114 F. 118	{ 3 8	{ 94 93	{ 20 22	{ 2	{ 	{ 	{ 	{ 	{ 	{ 	{ 1 	{ 	{ 	{ 	{ 
2. Laryngitis .....	{ M. 25 F. 16	{ 4 1	{ 15 13	{ 3 2	{ 	{ 	{ 2 	{ 1 	{ 1 	{ 1 	{ 	{ 	{ 	{ 	{ 	{ 
3. Bronchitis .....	{ M. 537 F. 656	{ 188 152	{ 279 273	{ 9 6	{ 2 1	{ 4 7	{ 1 9	{ 3 3	{ 8 8	{ 13 14	{ 21 16	{ 14 19	{ 21 25	{ 31 35	{ 32 55	{ 99 185
4. Pneumonia .....	{ M. 1,344 F. 1,177	{ 122 81	{ 260 218	{ 23 29	{ 6 9	{ 22 38	{ 77 43	{ 108 51	{ 108 65	{ 103 72	{ 105 72	{ 109 80	{ 95 76	{ 66 87	{ 69 102	{ 193 235
5. Pleurisy .....	{ M. 59 F. 40	{ 2 2	{ 6 3	{ 1 2	{ 	{ 6 1	{ 7 3	{ 8 4	{ 5 2	{ 7 4	{ 3 5	{ 2 4	{ 4 1	{ 3 3	{ 3 2	{ 4 6
6. Asthma .....	{ M. 6 F. 16	{ 	{ 	{ 	{ 	{ 	{ 	{ 1 	{ 	{ 2 	{ 	{ 1 	{ 1 	{ 	{ 1 3	{ 1 6
7. Others of this class .....	{ M. 122 F. 117	{ 37 29	{ 42 35	{ 2 1	{ 5	{ 1 3	{ 4 4	{ 10 7	{ 6 7	{ 7 8	{ 6 5	{ 3 6	{ 8 12	{ 7 3	{ 10 7	{ 16 14
<b>V.—Diseases of the digestive system.</b>	<b>897</b>	<b>98</b>	<b>137</b>	<b>20</b>	<b>11</b>	<b>18</b>	<b>34</b>	<b>49</b>	<b>55</b>	<b>44</b>	<b>67</b>	<b>100</b>	<b>82</b>	<b>80</b>	<b>73</b>	<b>127</b>
Males .....	406	58	79	12	5	9	12	18	23	20	32	39	38	40	23	46
Females .....	491	40	58	8	6	9	22	31	32	24	35	61	44	40	40	81
1. Dentition .....	{ M. 19 F. 24	{ 12 13	{ 19 24	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 
2. Angina .....	{ M. 6 F. 3	{ 1 	{ 4 2	{ 1 1	{ 	{ 	{ 	{ 1 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 
3. Diseases of the stomach .....	{ M. 77 F. 97	{ 7 7	{ 8 8	{ 3 	{ 2	{ 	{ 1 5	{ 8	{ 6 6	{ 6 4	{ 7 5	{ 10 10	{ 10 8	{ 12 10	{ 7 10	{ 7 21
4. Obstruction of the bowels .....	{ M. 19 F. 32	{ 3 3	{ 5 4	{ 3	{ 1 	{ 1	{ 1 	{ 1	{ 	{ 1 	{ 1 2	{ 2 1	{ 2 4	{ 1 3	{ 3 5	{ 3 8
5. Hernia .....	{ M. 17 F. 19	{ 3 	{ 3 	{ 	{ 	{ 	{ 2 	{ 1 	{ 1 	{ 1	{ 2 	{ 1 2	{ 2 2	{ 3 2	{ 1 	{ 3 8
6. Other diseases of the bowels .....	{ M. 10 F. 7	{ 5 3	{ 5 3	{ 	{ 1 	{ 	{ 1 	{ 	{ 	{ 	{ 1 	{ 	{ 1 	{ 	{ 2 1	{ 1
7. Jaundice .....	{ M. 9 F. 11	{ 6 3	{ 6 3	{ 	{ 1 	{ 1 	{ 	{ 	{ 1 	{ 	{ 	{ 1 	{ 1 	{ 	{ 	{ 1 3
8. Inflammation and abscess of the liver .....	{ M. 26 F. 24	{ 4 	{ 4 	{ 	{ 	{ 1 	{ 2 1	{ 3 2	{ 1 1	{ 1 1	{ 3 3	{ 1 2	{ 3 4	{ 2 4	{ 1 3	{ 4 3
9. Other diseases of the liver .....	{ M. 95 F. 111	{ 1 	{ 1 	{ 1 	{ 	{ 2 	{ 2 4	{ 3 4	{ 10 4	{ 5 7	{ 7 9	{ 13 32	{ 13 11	{ 14 14	{ 13 8	{ 13 20
10. Peritonitis .....	{ M. 83 F. 120	{ 6 3	{ 12 3	{ 6 3	{ 4 2	{ 7 4	{ 5 13	{ 9 13	{ 4 19	{ 6 11	{ 6 11	{ 7 8	{ 3 13	{ 4 4	{ 2 9	{ 8 12
11. Ascites .....	{ M. 5 F. 5	{ 	{ 	{ 	{ 	{ 	{ 1 	{ 1 	{ 	{ 1 	{ 	{ 1 	{ 1 	{ 1 	{ 	{ 1 1
12. Others of this class .....	{ M. 40 F. 32	{ 10 8	{ 12 11	{ 1 1	{ 	{ 1 	{ 	{ 1 2	{ 1 1	{ 	{ 5 3	{ 3 4	{ 3 2	{ 3 2	{ 4 2	{ 6 3
<b>VI.—Diseases of the urinary system and male organs of generation.</b>	<b>911</b>	<b>6</b>	<b>20</b>	<b>13</b>	<b>11</b>	<b>17</b>	<b>36</b>	<b>73</b>	<b>69</b>	<b>72</b>	<b>89</b>	<b>83</b>	<b>111</b>	<b>82</b>	<b>75</b>	<b>100</b>
Males .....	471	4	12	8	9	8	17	45	31	37	42	39	54	34	41	94
Females .....	440	2	8	5	2	9	19	28	38	35	47	44	57	48	34	65
1. Bright's disease .....	{ M. 188 F. 238	{ 	{ 	{ 2 2	{ 4 	{ 3 6	{ 9 11	{ 17 17	{ 11 17	{ 18 24	{ 17 20	{ 18 26	{ 25 29	{ 18 22	{ 19 23	{ 27 35
2. Calculus, urinary .....	{ M. 5 F. 1	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 	{ 1 	{ 	{ 	{ 	{ 	{ 
3. Diseases of the kidney .....	{ M. 214 F. 176	{ 4 1	{ 11 7	{ 6 3	{ 4 2	{ 4 2	{ 8 6	{ 26 11	{ 18 16	{ 17 10	{ 20 21	{ 19 12	{ 24 26	{ 11 24	{ 16 10	{ 30 28
4. Diseases of the bladder .....	{ M. 35 F. 11	{ 1	{ 1	{ 	{ 1 	{ 1 	{ 	{ 	{ 1 	{ 1 	{ 2 	{ 3 	{ 1 	{ 1 	{ 3 	{ 1 1
5. Others of this class .....	{ M. 29 F. 14	{ 	{ 	{ 	{ 	{ 	{ 2	{ 1 	{ 2 4	{ 1 1	{ 2 	{ 1 2	{ 1 2	{ 2 1	{ 3 1	{ 15 1
<b>VII.—Diseases of the female organs of generation.</b>	<b>42</b>	<b>.....</b>	<b>1</b>	<b>.....</b>	<b>.....</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>
1. Ovarian tumors .....	16	.....	.....	.....	.....	.....	2	2	1	.....	3	1	1	3	2	1
2. Ovarian diseases .....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. ....	6	.....	.....	.....	.....	.....	.....	1	1	1	1	1	1	.....	.....	.....
4. ....	3	.....	.....	.....	.....	.....	1	1	1	1	1	1	1	.....	.....	.....
5. ....	16	.....	1	.....	.....	1	1	6	2	1	3	1	1	.....	.....	.....
preg- .....	180	.....	.....	.....	.....	5	35	45	50	30	13	1	1	.....	.....	.....
.....	22	.....	.....	.....	.....	.....	6	2	8	1	4	.....	.....	.....	.....	.....



TABLE 87.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN IRELAND, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IX.—Diseases of the bones and joints.....	78	.....	7	13	9	5	9	10	4	4	4	2	2	1	2	6
Males.....	42	.....	5	4	8	4	4	8	1	1	2	2	1	.....	.....	2
Females.....	36	.....	2	9	1	1	5	2	3	3	2	.....	1	1	2	4
1. Diseases of the spine..... { M..	24	.....	5	2	5	2	4	5	.....	1	.....	.....	.....	.....	.....	.....
{ F..	19	.....	1	5	.....	1	2	1	2	1	2	.....	1	.....	.....	3
2. Diseases of the bones..... { M..	9	.....	.....	1	2	.....	.....	.....	1	.....	2	1	.....	.....	.....	2
{ F..	3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1
3. Diseases of the hip joint. { M..	9	.....	.....	1	1	2	.....	3	.....	.....	.....	1	1	.....	.....	.....
{ F..	7	.....	1	3	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Others of this class..... { M..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F..	7	.....	.....	1	.....	.....	1	1	.....	1	.....	.....	.....	1	2	.....
X.—Diseases of the skin.....	50	6	8	1	2	2	.....	1	4	4	3	5	4	2	6	8
Males.....	19	.....	.....	1	.....	1	.....	.....	2	3	1	3	1	1	1	5
Females.....	31	6	8	.....	2	1	.....	1	2	1	2	2	3	1	5	3
1. Abscess..... { M..	14	.....	.....	1	.....	1	.....	.....	2	2	1	2	1	.....	.....	4
{ F..	19	4	5	.....	2	1	.....	1	2	.....	1	.....	2	1	1	3
2. Carbuncle..... { M..	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
{ F..	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	2	.....
3. Others of this class..... { M..	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1
{ F..	7	2	3	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2	.....
XI.—Diseases of the absorbent system.....	6	1	1	.....	.....	.....	.....	2	.....	.....	.....	.....	1	1	.....	1
Males.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Females.....	4	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1
1. Addison's disease..... { M..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F..	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
2. Diseases of the spleen..... { M..	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
{ F..	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
3. Others of this class..... { M..	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
{ F..	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
XII.—Accidents and injuries.....	1,134	75	123	50	39	47	89	154	97	93	90	84	65	51	41	111
Males.....	850	52	86	42	31	36	67	136	82	70	70	66	47	39	21	57
Females.....	284	23	37	8	8	11	22	18	15	23	20	18	18	12	20	54
1. Burns and scalds..... { M..	40	1	14	1	1	2	2	4	4	1	1	4	2	1	1	2
{ F..	55	.....	7	2	3	3	6	5	4	3	4	5	2	3	3	5
2. Drowned..... { M..	93	.....	3	15	7	9	8	10	7	5	5	9	4	4	4	3
{ F..	9	.....	1	1	.....	.....	2	1	.....	1	.....	.....	.....	.....	.....	3
3. Exposure and neglect..... { M..	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
{ F..	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
4. Gunshot wounds..... { M..	5	.....	.....	1	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	1
{ F..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5. Homicide..... { M..	29	.....	.....	.....	.....	3	8	4	5	1	4	2	.....	.....	1	1
{ F..	8	.....	.....	.....	.....	1	.....	1	4	.....	1	.....	.....	.....	.....	1
6. Infanticide..... { M..	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. Injuries by machinery..... { M..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. Railroad accidents..... { M..	158	.....	2	11	5	4	18	42	21	11	12	9	5	9	1	8
{ F..	11	.....	.....	1	1	2	.....	1	.....	1	1	.....	.....	1	1	2
9. Suffocation..... { M..	50	40	41	.....	.....	.....	.....	1	.....	1	2	.....	1	1	.....	3
{ F..	27	20	22	.....	.....	.....	2	.....	.....	1	.....	.....	1	1	.....	.....
10. Suicide by shooting..... { M..	5	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2	1	.....	.....
{ F..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Suicide by drowning..... { M..	5	.....	.....	.....	.....	.....	.....	1	2	.....	.....	2	.....	.....	.....	.....
{ F..	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
12. Suicide by poison..... { M..	12	.....	.....	.....	.....	.....	.....	2	3	1	1	.....	.....	1	2	2
{ F..	15	.....	.....	.....	4	4	.....	1	2	2	2	.....	.....	1	1	.....
{ M..	18	.....	.....	.....	.....	.....	.....	4	.....	2	2	4	2	3	.....	1
{ F..	7	.....	.....	.....	.....	.....	1	2	.....	1	1	.....	.....	.....	.....	1
{ M..	.....	1	3	1	.....	.....	8	10	8	8	6	6	2	2	1	1
{ F..	.....	.....	.....	1	.....	.....	1	2	1	1	3	2	1	2	1	4

TABLE 88.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN GERMANY, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	1,983	458	716	62	25	47	82	115	86	87	82	93	90	104	99	295
Males.....	1,094	233	375	36	15	27	42	57	49	52	46	55	57	68	64	151
Females.....	889	225	341	26	10	20	40	58	37	35	36	38	33	36	35	144
Unknown causes.....	6									1	1	1		1	1	1
Males.....	4									1		1		1	1	
Females.....	2										1					1
I.—General diseases:																
General diseases—A.....	459	201	332	38	9	5	11	8	8	5	2	4	3	9	1	24
Males.....	229	96	162	20	5	3	7	4	5	3	1	2	2	6	1	8
Females.....	230	105	170	18	4	2	4	4	3	2	1	2	1	3		16
1. Smallpox..... { M.....																
{ F.....																
2. Measles..... { M.....	8	3	7	1												
{ F.....	2		2													
3. Scarlet fever..... { M.....	8		7		1											
{ F.....	9		5	3			1									
4. Diphtheria..... { M.....	54	4	36	17	1											
{ F.....	49	4	33	14		1	1									
5. Whooping cough..... { M.....	11	8	11													
{ F.....	13	8	13													
6. Fever..... { M.....																
{ F.....																
7. Cerebro-spinal fever..... { M.....	1			1												
{ F.....	3	1	2	1												
8. Typhoid fever..... { M.....	19			1	2	3	5	2	2	1				1	1	1
{ F.....	15		1		4	1	2	2	2	1	1					1
9. Diarrheal diseases..... { M.....	62	33	44		1		2	1		2	1	1	1	4		5
{ F.....	49	25	29					2		1		1	1	3		12
10. Cholera infantum..... { M.....	55	46	55													
{ F.....	81	64	81													
11. Malarial fever..... { M.....	1								1							
{ F.....																
12. Erysipelas..... { M.....	2	1	1						1							
{ F.....	2	1	1									1				
13. Septicæmia..... { M.....	2												1			1
{ F.....	2		1													1
14. Venereal diseases..... { M.....	2	1	1						1							
{ F.....	2	1	1						1							
15. Others of this group..... { M.....	4							1				1		1		1
{ F.....	3	1	1													2
General diseases—B.....	21	11	11					1	2	2		2	1	1		1
Males.....	12	4	4					1	2	1		2	1	1		1
Females.....	9	7	7							1						1
1. Parasitic diseases..... { M.....																
{ F.....																
2. Alcoholism..... { M.....	7							1	2	1		2		1		1
{ F.....	2									1						
3. Lead poison..... { M.....																
{ F.....																
4. Other poisons..... { M.....	1												1			
{ F.....																
5. Inanition..... { M.....	4	4	4													
{ F.....	7	7	7													
General diseases—C.....	145	92	97											2	2	44
Males.....	70	45	48											1	1	20
Females.....	75	47	49											1	1	24
1. Pre-natal..... { M.....	13	13	13													
{ F.....	13	13	13													
2. Still..... { M.....	10	10	10													
{ F.....	9	9	9													
3. Mal..... { M.....	2	2	2													
{ F.....																
4. Del..... { M.....	30	20	23											1	1	5
{ F.....	39	25	27											1	1	10

TABLE 88.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN GERMANY, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
I.—General diseases.—Continued.																
General diseases—D .....	432	22	40	3	1	23	40	52	41	38	38	33	27	23	27	46
Males .....	255	11	25	2		9	19	23	28	24	20	21	19	18	17	30
Females .....	177	11	15	1	1	14	21	29	13	14	18	12	8	5	10	16
1. Rheumatism .....	{ M 3							1					1		1	
F .....																
2. Scrofula and tabes .....	{ M 4	3	4													
F .....	1									1						
3. Leprosy .....	{ M															
F .....																
4. Consumption .....	{ M 177	3	6	1		9	18	21	28	21	15	16	12	11	9	10
F .....	115	4	5	1		13	20	26	11	10	9	7	3	1	3	6
5. Hydrocephalus .....	{ M 17	5	15	1								1				
F .....	7	5	7													
6. Cancer .....	{ M 41									3	5	2	4	7	5	15
F .....	36						1	1	1	3	6	4	5	4	5	0
7. Tumor .....	{ M 5						1						1		1	2
F .....	6							1	1		2					2
8. Anæmia .....	{ M 2														1	1
F .....	4	1	1			1									1	1
9. Dropsy .....	{ M 1															1
F .....	4				1						1				1	1
10. Diabetes .....	{ M 5							1				2	1			1
F .....	1											1				
11. Others of this group .....	{ M 3	1	2					1								
F .....																
12. Others of this class .....	{ M															
F .....																
II.—Diseases of the nervous system .....	219	39	74	6	3	4	3	6	5	5	5	10	12	11	17	58
Males .....	122	22	39	4	2	2	2	3	2	3	3	6	8	4	10	34
Females .....	97	17	35	2	1	2	1	3	3	2	2	4	4	7	7	24
1. Inflammation of the brain .....	{ M 29	8	19	2	1	1		1	1		1	1			1	1
F .....	22	8	18	2	1								1			
2. Apoplexy .....	{ M 39			1	1		2		1		1	2	5	1	7	18
F .....	31					1			2	1	1	1	1	4	3	17
3. Paralysis .....	{ M 14		1				1					1	1	1	1	9
F .....	17	1	2				1			1		1	1	1	4	5
4. Tetanus and trismus nascentium .....	{ M 2					1		1								
F .....																
5. Epilepsy .....	{ M 4			1						1				1		1
F .....	1											1				
6. Convulsions .....	{ M 17	13	17													
F .....	14	8	13								1					
7. Mental diseases .....	{ M															
F .....	1															1
8. Diseases of the brain .....	{ M 13	1	2					1		1	1	1	2	1		4
F .....	6							1	1			1		2		1
9. Diseases of the spinal cord .....	{ M 2									1						1
F .....	1		1													
10. Others of this class .....	{ M 2											1			1	
F .....	4		1					2					1			
III.—Diseases of the circulatory system .....	143	10	10	2	2	3	1	8	7	4	8	9	11	17	22	39
Males .....	75	7	7	1	1	2		5	3	3	3	6	6	7	13	18
Females .....	68	3	3	1	1	1	1	3	4	1	5	3	5	10	9	21
1. Angina pectoris .....	{ M 1							1								
F .....																
2. Aneurism .....	{ M 3											1			2	
F .....																
M .....	67	3	3	1	1	2										

TABLE 88.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN GERMANY, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IV.—Diseases of the respiratory system..	264	50	118	9	3	5	6	13	5	12	8	8	13	17	10	37
Males .....	154	35	74	6	2	5	3	7	3	6	5	3	5	12	9	14
Females .....	110	24	44	3	1	.....	3	6	2	6	3	5	8	5	1	23
1. Croup .....	{ M. 8	{ 2	{ 7	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
F. 11	{ 2	{ 10	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
2. Laryngitis .....	{ M. 4	{ 1	{ 3	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
F. 1	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
3. Bronchitis .....	{ M. 35	{ 15	{ 27	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ 1	{ 2	{ 1	{ 3
F. 26	{ 10	{ 14	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ 2	{ 1	{ 8
4. Pneumonia .....	{ M. 94	{ 16	{ 36	{ 6	{ 1	{ 4	{ 3	{ 5	{ 3	{ 5	{ 5	{ 2	{ 3	{ 8	{ 5	{ 8
F. 59	{ 8	{ 15	{ 1	{ 1	{ .....	{ 1	{ 4	{ 2	{ 5	{ 3	{ 3	{ 7	{ .....	{ 3	{ .....	{ 14
5. Pleurisy .....	{ M. 6	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ 2	{ .....	{ 2
F. 3	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
6. Asthma .....	{ M. 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....
F. .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
7. Others of this class .....	{ M. 6	{ .....	{ .....	{ .....	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 3	{ 1
F. 10	{ 2	{ 3	{ 1	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ 1	{ .....	{ 2	{ 1	{ .....	{ .....	{ 1
V.—Diseases of the digestive system .....	91	19	21	1	3	1	2	5	3	8	5	8	12	4	6	12
Males .....	45	10	11	.....	2	1	.....	1	1	3	5	1	7	3	3	7
Females .....	46	9	10	1	1	.....	2	4	2	5	.....	7	5	1	3	5
1. Dentition .....	{ M. 1	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
F. 3	{ 2	{ 3	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
2. Angina .....	{ M. 2	{ 2	{ 2	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
F. .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
3. Diseases of the stomach .....	{ M. 5	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ 3
F. 5	{ 1	{ 1	{ 1	{ 1	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ 1
4. Obstruction of the bowels .....	{ M. 4	{ 3	{ 3	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1
F. 4	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 2	{ .....	{ 1	{ .....	{ .....
5. Hernia .....	{ M. 2	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....
F. 2	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1
6. Other diseases of the bowels .....	{ M. 3	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ 1	{ .....	{ .....	{ .....	{ 1	{ .....
F. 1	{ 1	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
7. Jaundice .....	{ M. 2	{ 2	{ 2	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1
F. 2	{ 1	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
8. Inflammation and abscess of the liver .....	{ M. 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ 1
F. 2	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....
9. Other diseases of the liver .....	{ M. 9	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ 1	{ .....	{ 3	{ 1	{ 1	{ 3
F. 6	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ 2	{ .....	{ 1	{ 1
10. Peritonitis .....	{ M. 9	{ .....	{ .....	{ .....	{ 1	{ 1	.....	.....	1	2	2	.....	2	.....	.....	.....
F. 16	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ 2	{ 3	{ 1	{ 3	.....	{ 4	{ 2	.....	.....	.....
11. Ascites .....	{ M. .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
F. 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
12. Others of this class .....	{ M. 7	{ 2	{ 2	{ .....	{ 1	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ 1	{ .....	{ 1	{ 1	{ .....
F. 4	{ 3	{ 3	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
VI.—Diseases of the urinary system and male organs of generation.	88	1	1	3	.....	4	5	3	5	3	3	9	4	12	10	26
Males .....	62	1	1	3	.....	4	4	2	1	2	1	7	3	10	6	18
Females .....	26	.....	.....	.....	.....	.....	1	1	4	1	2	2	1	2	4	8
1. Bright's disease .....	{ M. 31	{ .....	{ .....	{ 1	{ .....	{ 3	{ 2	{ .....	{ 1	{ .....	{ 1	{ 2	{ 2	{ 8	{ 5	{ 6
F. 13	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ 1	{ 1	{ 1	{ .....	{ .....	{ 1	{ 2	{ 5
2. Calculus, urinary .....	{ M. 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1
F. .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
3. Diseases of the kidney .....	{ M. 19	{ .....	{ .....	{ 2	{ .....	{ .....	{ 2	{ 2	{ .....	{ 2	.....	{ 3	{ 1	{ 1	{ 1	{ 5
F. 12	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ 1	{ 1	{ 1	{ 2	{ 3
4. Diseases of the bladder .....	{ M. 3	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ 1
F. .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
5. Others of this class .....	{ M. 8	{ 1	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ 1	{ .....	{ 5
F. 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ 1	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....	{ .....
VII.—Diseases of the female organs of generation.	4	.....	.....	.....	.....	.....	2	.....	1	.....	.....	1	.....	.....	.....	.....
1. Ovarian tumors .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Ovarian diseases .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Uterine tumors .....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
4. Uterine diseases .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5. Others of this class .....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
VIII.—Affections connected with pregnancy.	14	.....	.....	.....	.....	.....	1	4	4	1	.....	.....	.....	.....	.....	.....
1. Abortion .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....



TABLE 89.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN CANADA, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	5,167	1,844	2,862	278	127	193	329	283	240	209	139	108	100	80	60	159
Males.....	2,492	1,012	1,538	127	62	86	142	109	107	86	55	41	40	31	26	42
Females.....	2,675	832	1,324	151	65	107	187	174	133	123	84	67	60	49	34	117
Unknown causes.....	12	7	7					1			2		1		1	
Males.....	8	6	6								1		1			
Females.....	4	1	1					1			1				1	
I.—General diseases:																
General diseases—A.....	1,295	589	981	125	29	31	35	25	20	10	8	9	7	4	4	7
Males.....	639	310	508	47	9	19	15	14	12	5	2	2	2	1	1	2
Females.....	656	279	473	78	20	12	20	11	8	5	6	7	5	3	3	5
1. Smallpox..... { M.....																
{ F.....																
2. Measles..... { M.....	21	7	17	2	1	1										
{ F.....	18	6	16	2												
3. Scarlet fever..... { M.....	28	3	24	4												
{ F.....	41	5	32	7	2											
4. Diphtheria..... { M.....	147	8	96	36	6	4	2	1		1	1					
{ F.....	179	7	102	58	10	2	1	2	1	1	1		1			
5. Whooping cough..... { M.....	29	15	29													
{ F.....	36	14	35	1												
6. Fever..... { M.....																
{ F.....																
7. Cerebro-spinal fever..... { M.....	5	2	5			1										
{ F.....	5	1	3		1	1										
8. Typhoid fever..... { M.....	56	1	3	5	1	10	11	11	9	4	1	1				
{ F.....	49			5	5	6	15	3	3	2	5	2		2	1	
9. Diarrheal diseases..... { M.....	118	89	111		1	2	1	1	1							2
{ F.....	116	78	93	3	2	3	3	2	1	1		2	3			4
10. Cholera infantum..... { M.....	205	170	205													
{ F.....	182	158	182													
11. Malarial fever..... { M.....				1				2							1	
{ F.....	4															
12. Erysipelas..... { M.....	11	5	5			1	1	1				1		1	1	
{ F.....	3	2	2											1		
13. Septicæmia..... { M.....	7	3	3			1		1	1				1			
{ F.....	7						1		3	1		2				
14. Venereal diseases..... { M.....	7	5	7					1								
{ F.....	8	7	7													
15. Others of this group..... { M.....	5	2	3					1	1				1			1
{ F.....	8	1	1	1		1		1				1	1		1	
General diseases—B.....	79	57	63	2		1		1	3	5	1	2		1		
Males.....	43	30	34	1				1	3	2		1		1		
Females.....	36	27	29	1		1				3	1	1				
1. Parasitic diseases..... { M.....																
{ F.....																
2. Alcoholism..... { M.....	8							1	3	2		1		1		
{ F.....	4									2	1	1				
3. Lead poison..... { M.....																
{ F.....																
4. Other poisons..... { M.....	1		1													
{ F.....	4	1	2			1				1						
5. Inanition..... { M.....	34	30	33	1												
{ F.....	28	26	27	1												
General diseases—C.....	558	495	524	5			3	1	1			3	2	1		18
Males.....	317	290	300	1								2		1		4
Females.....	241	205	215	4			3	1	1			1	2			14
1. Pre birth..... { M.....	78	78	78													
{ F.....	47	47	47													
2. Still birth..... { M.....	46	46	46													
{ F.....	37	37	37													
3. Maternal..... { M.....	18	17	18													
{ F.....	8	8	8													
4. Delirium..... { M.....	173	149	167	1								2		1		2
{ F.....	137	113	123	4			3	1	1			1	2			2

TABLE 89.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN CANADA, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>I.—General diseases—Continued.</b>																
General diseases—D .....	1,149	100	234	34	33	103	177	149	113	103	65	39	28	26	15	30
Males .....	474	59	135	17	14	39	76	46	44	38	23	10	10	9	8	5
Females .....	675	41	99	17	19	64	101	103	69	65	42	29	18	17	7	25
1. Rheumatism .....	{ M. 5			2			1		1			1				
{ F. 10			1		1	1		1			1					3
2. Scrofula and tabes .....	{ M. 9	3	6		1			1	1							
{ F. 10		2	6	1		1		1							1	
3. Leprosy .....	{ M.															
{ F.																
4. Consumption .....	{ M. 331	24	43	4	8	38	74	43	41	35	22	7	8	7	2	
{ F. 495		11	32	9	17	60	96	92	63	49	30	17	11	7	5	7
5. Hydrocephalus .....	{ M. 101	30	84	11	3		1	2								
{ F. 72		28	59	6	1	1	1	1		3						
6. Cancer .....	{ M. 18									2	1	2	1	1	6	5
{ F. 66							1	6	2	10	8	10	0	8	1	14
7. Tumor .....	{ M. 4				2				1					1		
{ F. 5							1			1	2					1
8. Anæmia .....	{ M. 1							2	2	1		1		1		
{ F. 7																
9. Dropsy .....	{ M. 2	1	1							1						
{ F. 4				1		1	1				1					
10. Diabetes .....	{ M.															
{ F. 4									1	1				2		
11. Others of this group .....	{ M. 3	1	2			1										
{ F. 2			1				1									
12. Others of this class .....	{ M.															
{ F.																
<b>II.—Diseases of the nervous system</b> .....	490	202	333	24	18	5	9	13	4	11	7	7	12	10	6	31
Males .....	224	98	161	11	11	2	2	4	3	5	4	5	1	3	1	11
Females .....	266	104	172	13	7	3	7	9	1	6	3	2	11	7	5	20
1. Inflammation of the brain .....	{ M. 101	40	80	8	5	1	1	2	1	1	1					1
{ F. 103		47	85	6	4	1		3	1	1			1			1
2. Apoplexy .....	{ M. 20	1	1		1			1	2	2	2	2	1	1	1	6
{ F. 28		1	1	1				2		1	1	1	5	3	3	10
3. Paralysis .....	{ M. 7		2								1	2				2
{ F. 13							1	1		2			2	1	1	5
4. Tetanus and trismus nascentium .....	{ M. 1				1							1				
{ F. 4		1	1	1						1		1				
5. Epilepsy .....	{ M. 3				1	1				1						
{ F. 4				2	1						1					
6. Convulsions .....	{ M. 67	45	62	3	1			1								
{ F. 80		52	76	2			2									
7. Mental diseases .....	{ M. 2									1		1				
{ F. 4											1			1	1	
8. Diseases of the brain .....	{ M. 18	10	14		1		1							1		1
{ F. 20		2	5	1	2	1	3	2		1			2	1		2
9. Diseases of the spinal cord .....	{ M. 4	2	2		1									1		
{ F. 8		1	4			1		1					1			1
10. Others of this class .....	{ M. 1															1
{ F. 2														1		1
<b>III.—Diseases of the circulatory system</b> .....	193	40	46	9	14	6	12	9	9	15	8	11	15	9	11	19
Males .....	84	19	23	5	5	4	4	6	3	6	5	2	5	5	6	5
Females .....	109	21	23	4	9	2	8	3	6	9	3	9	10	4	5	14
1. Angina pectoris .....	{ M. 1													1		
{ F. 3								1								
2. Aneurism .....	{ M. 1															
{ F. 1																
3. Diseases of the heart .....	{ M.															
{ F.																
4. Others of this class .....	{ M.															
{ F.																

TABLE 89.—DEATHS IN BOSTON FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE HAVING MOTHERS BORN IN CANADA, ETC.—Continued.

USE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IX.—Diseases of the bones and joints	23		1	4	6	2	2	3			1	1	1		1	1
Males	15			4	3	2	2				1	1	1		1	1
Females	8		1		3			3							1	
1. Diseases of the spine	{ M 7 F 4			2	2	1	1	1			1				1	
2. Diseases of the bones	{ M 2 F											1	1			
3. Diseases of the hip joint	{ M 4 F 4		1	1	1	1	1	2								
4. Other of this class	{ M 2 F			1												1
X.—Diseases of the skin	10	5	7						1	1	1					
Males	6	2	4						1	1						
Females	4	3	3								1					
1. Abscess	{ M 5 F 2	2	4						1							
2. Carbuncle	{ M 1 F										1					
3. Others of this class	{ M 1 F 1	1	1							1						
XI.—Diseases of the absorbent system	5							2			1				2	
Males	1														1	
Females	4							2			1				1	
1. Addison's disease	{ M 1 F 2										1				1	
2. Diseases of the spleen	{ M 1 F							1								
3. Others of this class	{ M 1 F							1								
XII.—Accidents and injuries	190	27	42	14	12	15	25	23	17	19	6	6	5	5		1
Males	141	15	22	11	11	11	20	20	14	16	4	4	4	4		1
Females	49	12	20	3	1	4	5	3	3	3	2	2	1	1		1
1. Burns and scalds	{ M 4 F 5		2	2			1						1			
2. Drowned	{ M 22 F 1		1	2	3	6	2	2	1	2	2		1			
3. Exposure and neglect	{ M F															
4. Gunshot wounds	{ M 1 F 1			1			1									
5. Homicide	{ M 4 F	1	1				1	2								
6. Infanticide	{ M F	1	1	1												
7. Injuries by machinery	{ M F															
8. Railroad accidents	{ M 38 F 3		1	2	3	2	11	5	6	6	1	1				
9. Suffocation	{ M 10 F 6	8	9		1											
10. Suicide by shooting	{ M 1 F								1							
11. Suicide by drowning	{ M 1 F									1						
12. Suicide by poison	{ M 5 F 8					1	3	1	2	1	1					
13. Other suicides	{ M 3 F 1									1		1			1	
14. Sunstroke	{ M 3 F			1				2								
15. Surgical operations	{ M 3 F 5	1	1					2	1	1						
16. Wounds	{ M F															
17. Other accidents and injuries	{ M 46 F 18	5	7	5	4	3	2	6	6	5						

TABLE 90.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	134,878	38,195	54,604	4,328	2,158	3,588	5,823	6,358	5,678	5,712	5,166	5,070	4,924	4,671	5,246	21,552
Males.....	68,963	20,268	28,590	2,196	1,098	1,691	2,896	3,256	2,965	3,083	2,840	2,835	2,621	2,469	2,734	9,689
Females.....	65,915	17,927	26,014	2,132	1,060	1,897	2,927	3,102	2,713	2,629	2,326	2,235	2,303	2,202	2,512	11,863
Unknown causes.....	587	72	91	6	8	5	17	28	21	22	29	36	28	31	47	218
Males.....	339	47	59	4	5	3	11	16	10	13	22	22	16	20	23	115
Females.....	248	25	32	2	3	2	6	12	11	9	7	14	12	11	24	103
I.—General diseases:																
General diseases—A.....	21,584	7,112	12,341	1,602	645	865	1,098	900	634	512	399	351	328	320	330	1,250
Males.....	10,673	3,513	6,115	747	304	408	574	501	315	257	204	192	166	168	145	577
Females.....	10,911	3,599	6,226	855	341	457	524	399	319	255	195	159	162	161	185	673
1. Smallpox..... { M..	50	7	16	7	2	6	8	6	1	5	1	2	1	1	1	1
{ F..	40	11	20	5	2	1	3	2	1	2	2	1	1			
2. Measles..... { M..	316	97	296	10	4	1	1	1	1	1	1	1				2
{ F..	309	71	271	27	5	1		1			1		1			
3. Scarlet fever..... { M..	742	59	504	171	32	13	8	8	1		1	1			1	3
{ F..	791	55	484	223	37	11	11	6	5	2	2	1		1		8
4. Diphtheria..... { M..	1,489	84	972	319	50	11	11	6	2	2	3	1	2			10
{ F..	1,567	103	1,024	390	83	26	8	5	7	6	1	1	1	1		14
5. Whooping cough..... { M..	286	172	274	7							1	1				3
{ F..	381	224	358	9	3	1				1		1	1			7
6. Fever..... { M..	4					1								1		
{ F..	6		1						3	2				1		
7. Cerebro-spinal fever..... { M..	153	19	53	33	29	11	10	5	1	1	1	1	1	1	1	5
{ F..	142	29	76	21	16	13	4	1	1	2	1		3			4
8. Typhoid fever..... { M..	2,148	8	74	96	128	284	448	374	226	142	97	67	58	45	25	84
{ F..	1,913	16	84	103	143	353	374	244	149	111	74	68	47	46	38	79
9. Diarrheal diseases..... { M..	2,031	861	1,147	62	25	33	39	52	33	56	50	69	61	66	67	271
{ F..	2,086	808	1,057	57	27	24	57	47	56	48	55	46	70	68	99	375
10. Cholera infantum..... { M..	2,476	2,002	2,467													9
{ F..	2,548	2,056	2,542													6
11. Malarial fever..... { M..	222	16	38	19	15	21	19	15	9	13	12	11	11	9	9	21
{ F..	200	12	38	9	11	14	12	11	17	9	14	7	8	12	6	32
12. Erysipelas..... { M..	213	56	64	4	2	4	3	11	9	7	15	14	11	13	14	42
{ F..	213	67	76	1	2	2	6	9	12	8	8	13	10	10	14	42
12. Septicæmia..... { M..	345	32	89	16	14	21	19	18	22	20	14	18	14	24	14	42
{ F..	441	46	72	9	10	10	44	65	62	56	30	15	10	14	14	30
14. Venereal diseases..... { M..	147	94	106		2	1	2	5	8	3	5	2	1	2	2	8
{ F..	129	93	104				3	4	4	6	3	1		1	1	2
15. Others of this group..... { M..	145	6	15	3	1	1	6		3	5	5	4	6	7	11	78
{ F..	145	8	19	1	2	1	2	4	2	3	4	5	10	7	13	72
General diseases—B.....	4,128	3,039	3,237	22	2	16	28	69	98	132	96	92	86	63	43	144
Males.....	2,222	1,539	1,629	9	1	5	12	49	71	106	65	67	60	47	28	73
Females.....	1,906	1,500	1,608	13	1	11	16	20	27	26	31	25	26	16	15	71
1. Parasitic diseases..... { M..	1	1	1													
{ F..	2		1	1												
2. Alcoholism..... { M..	427	2	2	2		1	6	39	56	86	59	56	42	36	17	25
{ F..	139	1	2				6	12	17	19	24	14	20	7	5	13
3. Lead poison..... { M..	4						1		2					1		
{ F..																
4. Other poisons..... { M..	95	8	13		4	3	8	11	15	4	4	9	14	6	1	7
{ F..	47	2	10	2	5	5	4	1	5	5	2	2	2	3		3
5. Infanticide..... { M..	1,696	1,528	1,613	7	1		2	2	2	5	2	2	4	4	10	41
{ F..	1,718	1,497	1,595	10	1	6	5	4	9	2	2	9	4	6	10	55
General diseases—C.....	22,031	14,516	15,452	109	39	30	39	41	51	51	74	80	122	171	340	5,432
Males.....	10,900	7,996	8,455	59	21	11	19	19	29	17	23	29	51	59	127	1,996



TABLE 90.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
I.—General diseases—Continued.																
General diseases—D.....	23,781	884	1,715	322	300	1,230	2,623	2,941	2,410	2,270	1,826	1,683	1,418	1,177	1,114	2,752
Males.....	11,571	462	898	154	101	502	1,244	1,431	1,233	1,167	954	877	674	571	558	1,201
Females.....	12,210	422	817	168	199	728	1,379	1,510	1,177	1,103	872	806	744	600	556	1,551
1. Rheumatism..... { M.....	112	3	7	4	2	8	6	7	5	12	13	12	5	3	5	23
{ F.....	146	1	4	7	8	14	5	10	9	11	10	10	12	5	14	27
2. Scrofula and tabes..... { M.....	238	86	127	14	7	7	7	12	6	9	7	9	9	5	4	15
{ F.....	214	85	123	5	12	6	11	15	9	2	10	3	6	3	3	6
3. Leprosy..... { M.....																
{ F.....																
4. Consumption..... { M.....	8,968	96	229	60	61	452	1,196	1,365	1,159	1,051	813	719	488	389	327	650
{ F.....	8,474	86	214	79	143	678	1,323	1,405	1,045	901	622	497	382	283	221	681
5. Hydrocephalus..... { M.....	574	232	439	48	13	9	7	11	4	7	4	5	2	3	6	16
{ F.....	507	214	400	45	12	5	1	11		5	5	4	2	7	2	8
6. Cancer..... { M.....	843		7	3		1	7	7	17	44	52	71	97	109	145	283
{ F.....	2,002	3	6	3	2	1	11	35	74	145	184	244	270	236	239	552
7. Tumor..... { M.....	179	5	10	5	5	5	6	10	14	15	14	19	18	14	18	26
{ F.....	181	1	5	3	3	4	8	9	14	11	15	18	22	7	21	41
8. Anæmia..... { M.....	73	8	13	1	3	3	2	4	5	2	10	3	6	3	11	10
{ F.....	97	10	16	2	3	7	5	4	5	6	5	6	6	4	8	20
9. Dropsy..... { M.....	321	8	29	14	8	4	4	8	5	11	22	25	29	26	21	115
{ F.....	412	5	23	18	10	8	8	13	7	18	16	15	31	38	37	170
10. Diabetes..... { M.....	185	2	6			10	6	6	12	12	16	12	18	20	19	48
{ F.....	112	1	1	1	3	1	4	7	9	4	3	7	12	15	8	37
11. Others of this group..... { M.....	73	22	30	5	5	3	3	1	6	4	2	1	1	5	1	6
{ F.....	65	16	25	5	3	4	3	1	5		2	2	1	2	3	9
12. Others of this class..... { M.....	5		1								1	1	1		1	
{ F.....																
II.—Diseases of the nervous system.....	18,660	6,003	9,264	631	295	286	281	349	366	441	479	545	662	652	826	3,552
Males.....	9,671	3,165	4,817	360	159	143	136	182	201	261	268	291	360	349	448	1,696
Females.....	8,988	2,838	4,447	271	136	143	145	167	165	180	211	254	302	303	378	1,856
1. Inflammation of the brain..... { M.....	1,895	646	1,185	183	68	55	43	51	58	39	42	32	30	21	18	70
{ F.....	1,614	535	1,082	126	60	49	48	44	29	31	25	24	15	18	11	52
2. Apoplexy..... { M.....	1,593	48	75	10	5	7	17	19	40	57	82	103	143	150	205	680
{ F.....	1,590	53	81	7	5	7	16	24	31	37	65	93	125	122	182	795
3. Paralysis..... { M.....	1,048	14	41	8	6	4	8	17	24	34	32	51	78	82	126	537
{ F.....	1,210	14	39	4	8	10	7	18	22	38	40	44	73	86	113	708
4. Tetanus and trismus nascentium..... { M.....	153	76	80	9	7	3	8	7	7	13	2	4	6	3	1	3
{ F.....	80	57	59		2	1	1	2	3	5	2	1	3	1		
5. Epilepsy..... { M.....	89	2	7	4	3	8	10	7	6	13	9	2	3	3	6	8
{ F.....	81	2	5		3	11	4	7	9	6	5	9	3	3		16
6. Convulsions..... { M.....	2,831	1,908	2,639	83	20	20	6	6	6	10	6	5	7	2	1	21
{ F.....	2,738	1,787	2,502	74	23	21	23	27	15	10	9	5	6	3	2	18
7. Mental diseases..... { M.....	118			1		1	4	7	12	7	10	14	8	4	13	37
{ F.....	73				1	2	3	1	6	8	9	8	6	4	3	22
8. Diseases of the brain..... { M.....	1,738	463	770	52	46	39	33	61	41	81	74	62	65	67	62	285
{ F.....	1,408	380	657	50	32	32	35	37	39	34	42	54	50	55	48	243
9. Diseases of the spinal cord..... { M.....	155	6	17	8	3	5	5	5	7	5	8	12	15	13	12	40
{ F.....	125	10	22	5	1	6	2	5	7	5	6	12	14	7	11	22
10. Others of this class..... { M.....	50	2	3	2	1	1	2	2		2	3	6	5	4	4	15
{ F.....	79			5	1	4	6	2	4	6	8	4	7	4	8	20
III.—Diseases of the circulatory system.....	9,164	1,211	1,352	185	207	253	261	318	362	457	501	565	608	648	776	2,671
Males.....	4,678	666	744	91	87	130	131	151	197	232	264	327	303	329	393	1,299
Females.....	4,486	545	608	94	120	123	130	167	165	225	237	238	305	319	383	1,372
1. Angina pectoris..... { M.....	120					2	1		6	5	7	6	9	16	20	48
{ F.....	91				1	1	2	2	1		4	4	9	7	17	36
2. Aneurism..... { M.....	118					2	1	6	8	17	10	23	15	10	10	16
{ F.....	48					1	1	1	3	7	3	10	6	4	4	9

TABLE 90.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>IX.—Diseases of the bones and joints</b>	159	10	26	34	14	18	6	14	7	10	4	2	2	7	1	14
Males	90	6	17	19	8	11	4	10	4	4	1	1	1	5	1	4
Females	69	4	9	15	6	7	2	4	3	6	3	1	1	2		10
1. Diseases of the spine	{ M 56 F 40	{ 2 2	{ 9 5	{ 13 10	{ 3 4	{ 8 1	{ 3 	{ 8 3	{ 3 2	{ 3 4	{ 3	{ 1 1		{ 2 1	{ 1 	{ 2 7
2. Diseases of the bones	{ M 11 F 6	{ 3 	{ 4 	{ 2		{ 2 			{ 1 1	{ 2			{ 1 			{ 2 1
3. Diseases of the hip joint	{ M 18 F 17	{ 1 1	{ 4 3	{ 5 3	{ 5 2	{ 1 5	{ 2	{ 2 1						{ 1 1		
4. Others of this class	{ M 5 F 6	{ 1	{ 1 	{ 1 		{ 1 1	{ 1 				{ 1 		{ 1 1	{ 2 1		{ 2 
<b>X.—Diseases of the skin</b>	264	62	83	12	5	6	12	9	18	15	15	14	14	17	11	33
Males	159	38	50	7	5	3	5	8	10	9	7	9	12	12	6	16
Females	105	24	33	5		3	7	1	8	6	8	5	2	5	5	17
1. Abscess	{ M 110 F 71	{ 25 15	{ 37 21	{ 7 4	{ 5 	{ 3 1	{ 3 7	{ 7 1	{ 10 8	{ 6 5	{ 5 5	{ 7 4	{ 7 2	{ 3 2	{ 3 3	{ 7 8
2. Carbuncle	{ M 28 F 12	{ 1 	{ 1 				{ 1 			{ 3 1		{ 1 1	{ 5 	{ 8 2	{ 2 	{ 7 6
3. Others of this class	{ M 21 F 22	{ 12 9	{ 12 12	{ 1		{ 2 	{ 1 	{ 1 			{ 2 1	{ 1 		{ 1 1	{ 1 2	{ 2 3
<b>XI.—Diseases of the absorbent system</b>	37	1	8	1		1		1	2	4	2	3	2	4	2	7
Males	22	1	5	1				1	3	2	1	2	1	3		4
Females	15		3			1				2	1	1	1	1	2	3
1. Addison's disease	{ M 5 F 7					{ 1 				{ 2 2	{ 1 1			{ 1 		{ 1 1
2. Diseases of the spleen	{ M 6 F 6							{ 1 1				{ 2 	{ 1 			{ 1 
3. Others of this class	{ M 11 F 8	{ 1 	{ 5 3	{ 1 					{ 1 				{ 1 1	{ 2 1		{ 2 2
<b>XII.—Accidents and injuries</b>	5,200	504	793	224	240	252	377	447	419	426	392	369	262	232	189	578
Males	3,875	270	434	156	202	199	316	369	340	360	321	302	216	180	135	345
Females	1,325	234	359	68	38	53	61	78	79	66	71	67	46	52	54	233
1. Burns and scalds	{ M 219 F 246	{ 12 7	{ 85 73	{ 12 35	{ 9 15	{ 9 11	{ 12 10	{ 22 10	{ 15 11	{ 15 15	{ 6 10	{ 10 14	{ 10 6	{ 4 7	{ 3 12	{ 7 17
2. Drowned	{ M 585 F 66	{ 1 	{ 16 11	{ 59 10	{ 70 6	{ 57 11	{ 59 	{ 52 6	{ 40 4	{ 53 1	{ 39 2	{ 41 1	{ 33 3	{ 22 	{ 17 	{ 27 5
3. Exposure and neglect	{ M 14 F 1	{ 3 1	{ 3 1	{ 1 			{ 1 			{ 1 	{ 3 	{ 1 	{ 1 1	{ 1 		{ 2 
4. Gunshot wounds	{ M 50 F 10				{ 4 	{ 8 2	{ 4 	{ 6 1	{ 5 2	{ 7 1	{ 2 2	{ 2 	{ 2 1	{ 2 	{ 1 	{ 7 
5. Homicide	{ M 64 F 24	{ 1 2	{ 1 2			{ 3 3	{ 8 1	{ 15 5	{ 11 3	{ 7 1	{ 9 1	{ 3 	{ 2 3		{ 1 1	{ 4 8
6. Infanticide	{ M 1 F 1	{ 1 	{ 1 													
7. Injuries by machinery	{ M F															
8. Railroad accidents	{ M 465 F 47		{ 2 2	{ 12 2	{ 21 3	{ 24 5	{ 83 3	{ 73 4	{ 51 4	{ 42 1	{ 49 2	{ 32 5	{ 10 2	{ 16 3	{ 14 2	{ 36 9
9. Suffocation	{ M 258 F 184	{ 154 136	{ 165 145	{ 1 5	{ 2 1	{ 1 2	{ 5 1	{ 6 1	{ 4 	{ 8 1	{ 6 2	{ 10 2	{ 5 2	{ 3 2	{ 5 	{ 37 20
10. Suicide by shooting	{ M 108 F 7					{ 3 	{ 10 1	{ 18 1	{ 12 4	{ 10 1	{ 14 	{ 14 	{ 8 	{ 11 		{ 3 
11. Suicide by drowning	{ M 16 F 4				{ 1 			{ 1 1	{ 2 	{ 6 		{ 1 	{ 3 	{ 2 1		{ 1 
12. Suicide by poison	{ M 71 F 37				{ 1 	{ 3 3	{ 2 7	{ 4 5	{ 7 1	{ 8 4	{ 10 5	{ 9 5	{ 11 4		{ 7 	{ 5 3
13. Other suicides	{ M 234 F 57				{ 1 1	{ 2 2	{ 11 5	{ 9 4	{ 28 5	{ 33 6	{ 26 8	{ 25 5	{ 26 3	{ 25 9	{ 16 3	{ 32 6
14. Sunstroke	{ M 233 F 68	{ 8 8	{ 10 11	{ 3 1	{ 3 	{ 3 2	{ 18 5	{ 24 8	{ 33 4	{ 36 2	{ 35 4	{ 25 3	{ 13 1		{ 3 	{ 13 16
15. Surgical operations	{ M 32 F 41		{ 2 1	{ 1 1	{ 2 	{ 3 1	{ 2 4	{ 2 3				{ 1 	{ 5 4	{ 1 3		{ 5 1
16. Wounds	{ M 46 F 19	{ 2 3	{ 9 4	{ 1 1		{ 1 		{ 3 1	{ 3 2	{ 7 2						

TABLE 91.—DEATHS AMONG THE WHITE POPULATION OF PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	127,556	35,917	51,479	4,092	2,004	3,359	5,428	5,952	5,342	5,349	4,868	4,756	4,688	4,497	5,045	20,097
Males.....	65,523	19,172	27,070	2,083	1,027	1,607	2,710	3,071	2,808	2,907	2,668	2,663	2,502	2,401	2,640	9,366
Females.....	62,033	16,775	24,409	2,009	977	1,752	2,718	2,881	2,534	2,442	2,200	2,093	2,186	2,096	2,405	11,331
Unknown causes.....	563	60	87	5	8	4	17	25	20	19	27	34	26	29	47	215
Males.....	329	46	58	4	5	3	11	13	9	12	20	22	15	20	23	114
Females.....	234	23	29	1	3	1	6	12	11	7	7	12	11	9	24	101
I.—General diseases:																
General diseases—A.....	20,721	6,744	11,824	1,555	616	823	1,054	863	611	492	382	332	321	318	320	1,210
Males.....	10,279	3,356	5,880	724	288	394	553	485	307	244	193	184	162	164	141	560
Females.....	10,442	3,388	5,944	831	328	429	501	378	304	248	189	148	159	154	179	650
1. Smallpox.....	M..... 51 F..... 40	7 11	16 20	7 5	2 2	5 1	5 3	5 2	5 1	5 2	1 2	2 1	1 1	1 1	1 1	1
2. Measles.....	M..... 302 F..... 208	95 70	282 264	10 24	4 4	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	2
3. Scarlet fever.....	M..... 729 F..... 781	58 55	497 480	166 220	32 36	13 11	8 11	8 4	1 5	2 2	2 2	1 1	1 1	1 1	1 1	3
4. Diphtheria.....	M..... 1,359 F..... 1,535	81 98	955 1,007	313 382	46 79	9 24	11 8	6 4	2 7	2 6	3 1	1 1	2 1	1 1	1 1	9
5. Whooping cough.....	M..... 253 F..... 348	157 206	242 326	6 9	3 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	3
6. Fever.....	M..... 4 F..... 5	4 5	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	7
7. Cerebro-spinal fever.....	M..... 149 F..... 135	18 28	51 74	32 20	29 16	11 12	10 2	5 1	1 1	1 2	1 1	1 1	1 1	1 1	1 1	5
8. Typhoid fever.....	M..... 2,078 F..... 1,837	7 15	69 80	90 98	120 137	279 333	433 363	364 235	222 144	135 109	95 73	62 63	58 46	44 43	25 37	82
9. Diarrheal diseases.....	M..... 1,965 F..... 2,003	834 767	1,114 1,007	59 54	23 27	30 22	38 52	50 44	31 52	55 46	47 55	68 45	60 69	65 67	64 97	261
10. Cholera infantum.....	M..... 2,363 F..... 2,399	1,903 1,923	2,354 2,393	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	6
11. Malarial fever.....	M..... 215 F..... 189	16 10	37 35	19 8	15 11	19 14	19 11	14 11	9 17	11 9	11 12	11 5	11 8	9 11	9 6	21
12. Erysipelas.....	M..... 208 F..... 204	54 66	62 75	4 1	2 2	4 2	3 5	10 9	8 11	6 8	15 7	14 12	11 9	13 10	14 13	42
13. Septicæmia.....	M..... 334 F..... 423	32 45	89 71	15 9	13 9	20 8	19 42	17 61	21 59	19 54	14 29	17 15	12 10	23 13	14 13	41
14. Venereal diseases.....	M..... 130 F..... 112	88 87	97 94	1 1	1 1	1 1	1 2	5 3	8 3	3 6	2 2	2 2	1 1	1 1	1 1	8
15. Others of this group.....	M..... 139 F..... 133	6 7	15 17	3 1	1 2	1 2	5 4	3 2	3 2	5 3	3 4	4 5	6 10	7 6	11 12	75
General diseases—B.....	3,869	2,830	3,015	21	2	15	28	68	92	129	90	86	84	61	41	137
Males.....	2,086	1,435	1,518	8	1	5	12	46	68	104	59	62	58	45	27	71
Females.....	1,783	1,395	1,497	13	1	10	16	20	24	25	31	24	26	16	14	66
1. Parasitic diseases.....	M..... 1 F..... 2	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1
2. Alcoholism.....	M..... 408 F..... 134	2 1	2 2	2 2	2 2	1 1	6 6	38 12	55 15	84 18	54 24	51 13	40 20	35 7	17 4	23
3. Lead poison.....	M..... 4 F..... 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1
4. Other poisons.....	M..... 90 F..... 45	7 2	11 9	2 2	2 2	4 4	3 5	8 4	9 1	15 5	3 5	9 2	14 2	6 3	1 1	7
5. Inanition.....	M..... 1,583 F..... 1,602	1,425 1,392	1,504 1,485	6 10	1 1	2 6	2 5	2 4	2 8	5 2	2 2	2 9	4 4	3 6	9 10	41
General diseases—C.....	20,830	13,687	14,551	103	36	27	33	39	51	47	71	74	114	164	321	5,199
Males.....	10,375	7,579	8,010	56	19	11	15	8	20	17	32	27	48	70	132	1,910
Females.....	10,455	6,108	6,541	47	17	16	18	31	31	30	39	47	66	94	189	3,289
1. Premature birth.....	M..... 1,023 F..... 841	1,020 839	1,021 839	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	2
2. Stillborn.....	M..... 3,769 F..... 2,717	3,760 2,717	3,769 2,717	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	2
3. Malformation.....	M..... 92 F..... 89	89 89	90 90	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	2

TABLE 91.—DEATHS AMONG THE WHITE POPULATION OF PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
I.—General diseases—Continued.																
General diseases—D .....	22,164	841	1,558	261	247	1,134	2,401	2,728	2,252	2,108	1,700	1,586	1,340	1,143	1,074	2,632
Males .....	10,802	440	818	123	83	463	1,135	1,332	1,164	1,086	890	822	638	562	541	1,145
Females .....	11,362	401	740	123	164	671	1,266	1,396	1,088	1,022	810	764	702	581	533	1,487
1. Rheumatism .....	{ M 109 F 132	{ 3 1	{ 7 3	{ 4 6	{ 2 7	{ 8 14	{ 6 4	{ 7 10	{ 5 8	{ 12 11	{ 13 10	{ 12 9	{ 4 11	{ 3 4	{ 5 11	{ 21 24
2. Scrofula and tubercles .....	{ M 215 F 191	{ 82 82	{ 116 111	{ 11 3	{ 5 8	{ 6 5	{ 6 10	{ 11 15	{ 5 8	{ 9 1	{ 6 10	{ 9 3	{ 9 5	{ 4 3	{ 4 3	{ 14 6
3. Leprosy .....	{ M F															
4. Consumption .....	{ M 8,324 F 7,812	{ 88 79	{ 188 178	{ 42 59	{ 46 117	{ 416 625	{ 1,090 1,212	{ 1,270 1,295	{ 1,092 967	{ 974 830	{ 759 575	{ 670 466	{ 458 357	{ 381 269	{ 316 213	{ 622 649
5. Hydrocephalus .....	{ M 534 F 480	{ 223 204	{ 415 380	{ 40 40	{ 12 10	{ 7 5	{ 7 11	{ 10 11	{ 4 11	{ 6 5	{ 4 5	{ 4 4	{ 2 2	{ 2 7	{ 5 2	{ 16 8
6. Cancer .....	{ M 825 F 1,933	{ 3	{ 7 6	{ 2 3	{ 1 1	{ 1 11	{ 7 33	{ 6 87	{ 16 139	{ 42 171	{ 49 171	{ 69 235	{ 96 262	{ 107 234	{ 145 230	{ 278 540
7. Tumor .....	{ M 172 F 171	{ 5 1	{ 10 4	{ 5 3	{ 5 3	{ 5 4	{ 5 8	{ 10 8	{ 14 13	{ 15 11	{ 14 13	{ 19 18	{ 17 21	{ 12 7	{ 16 20	{ 25 38
8. Anæmia .....	{ M 72 F 96	{ 8 10	{ 12 16	{ 1 2	{ 3 3	{ 3 7	{ 2 5	{ 4 4	{ 5 5	{ 2 6	{ 10 5	{ 3 6	{ 6 6	{ 3 4	{ 11 8	{ 10 19
9. Dropsy .....	{ M 293 F 381	{ 8 4	{ 27 19	{ 13 17	{ 8 9	{ 4 6	{ 4 8	{ 7 12	{ 5 6	{ 10 15	{ 17 16	{ 22 15	{ 26 27	{ 25 38	{ 19 35	{ 106 158
10. Diabetes .....	{ M 182 F 106	{ 2 1	{ 6 1	{ 1	{ 3 3	{ 10 4	{ 5 4	{ 6 7	{ 12 9	{ 12 4	{ 15 8	{ 12 6	{ 18 10	{ 20 13	{ 19 8	{ 47 37
11. Others of this group .....	{ M 72 F 60	{ 21 16	{ 29 22	{ 5 4	{ 5 3	{ 3 4	{ 3 3	{ 1 1	{ 6 5	{ 4 1	{ 2 2	{ 1 2	{ 1 1	{ 5 2	{ 1 3	{ 6 8
12. Others of this class .....	{ M F		{ 1								{ 1	{ 1	{ 1			
II.—Diseases of the nervous system .....	17,755	5,658	8,757	594	278	209	262	328	344	416	459	520	629	632	797	3,470
Males .....	9,222	2,994	4,551	338	151	134	128	174	190	243	258	277	347	341	437	1,653
Females .....	8,533	2,664	4,206	256	127	135	134	154	154	173	201	243	282	291	360	1,817
1. Inflammation of the brain .....	{ M 1,823 F 1,556	{ 626 516	{ 1,148 1,044	{ 174 121	{ 65 57	{ 52 46	{ 39 47	{ 49 43	{ 55 28	{ 35 31	{ 41 25	{ 29 22	{ 27 15	{ 21 18	{ 18 11	{ 70 48
2. Apoplexy .....	{ M 1,553 F 1,525	{ 48 51	{ 73 78	{ 9 7	{ 5 5	{ 6 7	{ 16 14	{ 19 22	{ 40 27	{ 56 36	{ 78 62	{ 101 88	{ 138 117	{ 148 116	{ 201 172	{ 663 774
3. Paralysis .....	{ M 1,010 F 1,138	{ 12 14	{ 34 36	{ 7 4	{ 6 8	{ 4 10	{ 8 6	{ 17 21	{ 24 21	{ 32 36	{ 31 37	{ 50 41	{ 75 66	{ 79 84	{ 121 105	{ 522 666
4. Tetanus and trismus nascentium .....	{ M 144 F 74	{ 73 53	{ 77 54	{ 9 4	{ 7 2	{ 2 1	{ 7 1	{ 6 2	{ 6 3	{ 12 4	{ 2 2	{ 4 1	{ 6 3	{ 3 1		{ 3
5. Epilepsy .....	{ M 84 F 78	{ 2 2	{ 7 5	{ 3 4	{ 3 3	{ 8 11	{ 10 3	{ 7 6	{ 6 9	{ 12 6	{ 8 4	{ 1 9	{ 3 3	{ 2 3	{ 6 3	{ 8 15
6. Convulsions .....	{ M 2,655 F 2,562	{ 1,791 1,662	{ 2,476 2,346	{ 77 69	{ 18 21	{ 19 20	{ 6 22	{ 5 21	{ 6 13	{ 8 9	{ 6 9	{ 5 5	{ 7 5	{ 2 2	{ 1 2	{ 19 18
7. Mental diseases .....	{ M 113 F 72			{ 1 1		{ 1 2	{ 3 3	{ 7 1	{ 11 6	{ 6 8	{ 10 9	{ 14 8	{ 8 6	{ 3 4	{ 13 3	{ 36 21
8. Diseases of the brain .....	{ M 1,639 F 1,331	{ 435 356	{ 718 622	{ 49 46	{ 43 28	{ 36 29	{ 32 30	{ 57 35	{ 35 36	{ 75 32	{ 71 39	{ 56 54	{ 63 46	{ 66 52	{ 61 48	{ 277 234
9. Diseases of the spinal cord .....	{ M 151 F 120	{ 5 10	{ 15 21	{ 7 5	{ 3 1	{ 5 5	{ 5 2	{ 5 3	{ 7 7	{ 5 5	{ 8 6	{ 11 11	{ 15 14	{ 13 7	{ 12 11	{ 40 22
10. Others of this class .....	{ M 50 F 77	{ 2 2	{ 3 3	{ 2 4	{ 1 1	{ 1 4	{ 2 6	{ 2 2		{ 2 6	{ 3 8	{ 6 4	{ 5 7	{ 4 4	{ 4 8	{ 15 19
III.—Diseases of the circulatory system .....	8,592	1,186	1,317	175	194	243	244	288	326	404	452	494	563	605	741	2,546
Males .....	4,385	657	731	85	82	126	122	135	175	205	231	289	277	312	374	1,251
Females .....	4,197	529	586	90	112	117	122	153	151	199	221	205	286	293	367	1,295
Pneumonia .....	{ M 117 F 86					{ 2 1	{ 1 2		{ 6 1	{ 4 7	{ 7 3	{ 6 4	{ 9 7	{ 15 6	{ 19 16	{ 48 36
						{ 2 1	{ 1 1	{ 5 1	{ 7 2	{ 13 8	{ 6 2	{ 18 4	{ 13 5	{ 8 3	{ 10 4	{ 16 9



TABLE 91.—DEATHS AMONG THE WHITE POPULATION OF PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IV.—Diseases of the respiratory system.....	17,030	3,433	8,082	876	201	293	482	535	508	559	560	547	615	567	602	2,513
Males.....	8,801	1,818	4,226	431	103	135	256	306	294	330	328	320	337	201	352	1,092
Females.....	8,229	1,615	3,856	445	98	158	226	229	214	229	232	227	278	276	340	1,421
1. Croup..... { M.....	1,413	168	1,180	201	9	4	4	4	2	.....	1	.....	1	.....	.....	7
{ F.....	1,343	187	1,083	226	12	2	4	.....	.....	2	.....	1	.....	.....	1	11
2. Laryngitis..... { M.....	90	11	54	13	2	1	4	4	1	2	1	1	2	2	.....	3
{ F.....	98	10	67	18	.....	.....	1	1	4	1	1	.....	1	1	1	2
3. Bronchitis..... { M.....	1,258	544	817	19	8	11	19	17	19	21	18	24	36	31	38	180
{ F.....	1,327	483	769	19	12	12	22	16	15	19	15	26	33	34	51	284
4. Pneumonia..... { M.....	4,645	778	1,655	166	67	103	194	229	227	239	254	219	230	183	251	628
{ F.....	4,280	668	1,480	147	64	113	167	177	157	162	177	169	192	196	230	849
5. Pleurisy..... { M.....	171	3	17	3	5	2	8	15	13	17	9	16	10	13	10	33
{ F.....	114	4	14	2	.....	4	6	8	8	5	5	10	4	3	7	38
6. Asthma..... { M.....	126	6	10	2	1	1	.....	1	3	3	6	6	12	10	10	61
{ F.....	127	3	5	3	.....	1	2	1	3	6	4	4	10	14	14	60
7. Others of this class..... { M.....	1,098	308	493	27	11	13	27	36	29	48	39	54	46	52	43	180
{ F.....	940	260	438	30	10	26	24	26	27	36	28	17	37	28	36	177
V.—Diseases of the digestive system.....	5,657	916	1,263	143	123	155	246	266	325	316	344	370	381	361	394	970
Males.....	2,790	520	691	76	60	85	97	101	129	135	171	188	200	196	212	447
Females.....	2,867	396	570	67	63	70	149	165	196	181	173	182	181	165	182	523
1. Dentition..... { M.....	139	91	138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
{ F.....	111	67	111	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Angina..... { M.....	55	17	29	8	1	4	2	.....	.....	3	.....	1	1	2	1	3
{ F.....	51	12	31	11	4	.....	1	.....	.....	1	1	.....	1	.....	.....	1
3. Diseases of the stomach..... { M.....	648	163	227	17	9	9	8	16	23	22	26	30	46	46	58	111
{ F.....	695	129	189	24	11	13	27	33	41	33	34	30	40	41	39	140
4. Obstruction of the bowels..... { M.....	175	47	53	7	5	11	9	10	8	4	4	4	9	10	12	29
{ F.....	186	27	29	2	3	3	6	4	7	10	10	13	19	9	15	56
5. Hernia..... { M.....	68	7	7	1	.....	.....	3	1	1	3	1	2	5	11	9	24
{ F.....	100	5	5	1	.....	.....	1	1	1	5	6	15	9	12	13	32
6. Other diseases of the bowels..... { M.....	122	18	23	.....	1	2	7	10	8	7	6	8	9	12	12	17
{ F.....	74	10	14	1	1	3	6	4	3	4	1	6	3	2	4	22
7. Jaundice..... { M.....	115	58	64	1	.....	1	.....	2	5	2	2	3	9	4	2	20
{ F.....	96	44	51	1	.....	.....	1	.....	3	1	2	3	4	.....	9	21
8. Inflammation and abscess of the liver..... { M.....	189	11	20	4	2	3	10	7	15	19	24	14	12	14	13	32
{ F.....	131	7	8	1	4	4	4	5	5	7	8	18	9	11	7	40
9. Other diseases of the liver..... { M.....	631	14	18	4	6	6	9	15	26	44	70	89	72	74	70	128
{ F.....	430	8	12	1	1	2	8	9	28	24	45	50	56	50	47	97
10. Peritonitis..... { M.....	452	24	36	29	31	44	38	36	35	27	30	29	25	17	24	51
{ F.....	785	24	39	19	36	43	93	103	160	88	60	42	30	28	33	71
11. Ascites..... { M.....	50	2	4	1	.....	1	2	1	4	2	4	4	6	6	5	10
{ F.....	64	1	3	3	.....	.....	.....	.....	3	5	4	2	5	6	8	25
12. Others of this class..... { M.....	146	68	74	4	5	4	9	3	4	2	4	4	6	.....	6	21
{ F.....	144	62	78	3	3	2	3	6	5	3	2	3	5	6	7	18
VI.—Diseases of the urinary system and male organs of generation.....	4,128	54	177	96	44	92	134	190	227	301	313	316	321	346	407	1,155
Males.....	2,414	31	103	57	24	44	62	93	109	164	164	170	192	202	262	768
Females.....	1,714	23	74	39	20	48	72	106	118	137	149	146	129	144	145	387
1. Bright's disease..... { M.....	1,220	.....	.....	23	19	23	42	54	66	101	93	99	108	107	144	341
{ F.....	914	.....	.....	17	9	32	33	57	59	81	89	88	76	83	77	213
2. Calculus, urinary..... { M.....	11	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	5
{ F.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
3. Diseases of the kidney..... { M.....	681	22	83	26	4	17	11	24	35	41	41	48	53	54	55	189
{ F.....	517	14	56	17	9	9	23	25	40	40	35	39	36	39	42	107
4. Diseases of the bladder..... { M.....	172	.....	.....	.....	.....	.....	2	1	1	2	8	4	8	11	24	111
{ F.....	39	.....	.....	.....	1	.....	1	2	2	2	2	2	3	3	6	15
5. Others of this class..... { M.....	330	9	20	8	1	4	7	14	7	20	21	19	22	29	36	122
{ F.....	240	9	18	5	1	7	15	22	16	14	22	17	14	18	20	51
VII.—Diseases of the female generation.....	240	.....	.....	.....	1	8	16	36	35	35	17	19	16	14	13	30
1. Catamenial.....	79	.....	.....	.....	.....	1	2	8	7	8	7	7	9	11	6	13
2. Dysmenorrhea.....	8	.....	.....	.....	.....	.....	.....	2	.....	.....	1	.....	1	.....	1	3
3. Menstrual.....	33	.....	.....	.....	.....	.....	.....	.....	5	5	1	6	4	2	2	6
4. Ovarian.....	44	.....	.....	.....	.....	.....	.....	7	13	7	2	2	1	1	1	5
5. Uterine.....	76	.....	.....	.....	1	6	10	18	10	15	6	4	1	.....	.....	3

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CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and un-known.
<b>IX.—Diseases of the bones and joints.....</b>	<b>147</b>	<b>10</b>	<b>25</b>	<b>33</b>	<b>13</b>	<b>15</b>	<b>6</b>	<b>13</b>	<b>6</b>	<b>9</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>12</b>
Males.....	82	6	17	19	7	8	4	9	8	4	1	1	1	4	1	3
Females.....	65	4	8	14	6	7	2	4	3	5	3	1	1	2		9
1. Diseases of the spine..... { M.....	52	2	9	13	2	6	3	8	3	3		1		2	1	1
{ F.....	38	2	5	10	4	1		3	2	3	3					6
2. Diseases of the bones..... { M.....	9	3	4			1				1			1			2
{ F.....	6			2					1	2						1
3. Diseases of the hip joint..... { M.....	17	1	4	5	5	1		1						1		
{ F.....	15	1	2	2	2	5	2	1						1		
4. Others of this class..... { M.....	4			1			1				1			1		
{ F.....	6	1	1			1							1	1		2
<b>X.—Diseases of the skin.....</b>	<b>253</b>	<b>61</b>	<b>82</b>	<b>12</b>	<b>4</b>	<b>6</b>	<b>12</b>	<b>8</b>	<b>16</b>	<b>13</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>17</b>	<b>11</b>	<b>32</b>
Males.....	151	37	49	7	4	3	5	7	9	8	7	7	11	12	6	16
Females.....	102	24	33	5		3	7	1	7	5	8	5	2	5	5	16
1. Abscess..... { M.....	102	24	36	7	4	3	3	6	9	5	5	5	6	3	3	7
{ F.....	68	15	21	4		1	7	1	7	4	5	4	2	2	3	7
2. Carbuncle..... { M.....	28	1	1				1			3		1	5	8	2	7
{ F.....	12									1	2	1		2		6
3. Others of this class..... { M.....	21	12	12				1	1			2	1		1	1	2
{ F.....	22	9	12	1		2				1	1			1	2	3
<b>XI.—Diseases of the absorbent system.....</b>	<b>35</b>	<b>1</b>	<b>8</b>	<b>1</b>		<b>1</b>		<b>1</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>6</b>
Males.....	21	1	5	1				1	1	2	1	2	1	3		4
Females.....	14		3			1				2	1	1	1	1	2	2
1. Addison's disease..... { M.....	5									2	1			1		1
{ F.....	7					1				2	1				2	1
2. Diseases of the spleen..... { M.....	6							1	1			2	1			1
{ F.....																
3. Others of this class..... { M.....	10	1	5	1										2		2
{ F.....	7		3									1	1	1		1
<b>XII.—Accidents and injuries.....</b>	<b>5,011</b>	<b>457</b>	<b>733</b>	<b>217</b>	<b>237</b>	<b>241</b>	<b>368</b>	<b>426</b>	<b>404</b>	<b>413</b>	<b>384</b>	<b>356</b>	<b>260</b>	<b>229</b>	<b>184</b>	<b>559</b>
Males.....	3,776	252	411	154	200	196	310	359	330	353	313	292	215	179	132	332
Females.....	1,235	205	322	63	37	45	58	67	74	60	71	64	45	50	52	227
1. Burns and scalds..... { M.....	212	10	80	12	9	8	12	21	15	15	6	10	10	4	3	7
{ F.....	232	7	69	34	15	10	10	8	11	12	10	14	6	6	10	17
2. Drowned..... { M.....	568	1	16	58	69	56	58	48	38	52	37	40	33	21	16	26
{ F.....	63		11	9	5	11	6	6	4	1	2	1	3			4
3. Exposure and neglect..... { M.....	13	3	3	1			1			1	3	1	1	1		1
{ F.....	1	1	1													
4. Gunshot wounds..... { M.....	45				4	8	3	4	5	6	1	2	2	2	1	7
{ F.....	9			1		2			2	1	2		1			
5. Homicide..... { M.....	57	1	1			2	8	14	8	7	8	3	2		1	3
{ F.....	21	2	2	1		3		3	3	1	1		3		1	3
6. Infanticide..... { M.....	1	1	1													
{ F.....																
7. Injuries by machinery..... { M.....																
{ F.....																
8. Railroad accidents..... { M.....	461		2	12	20	24	83	72	51	42	48	31	10	16	14	36
{ F.....	45		2	2	3	5	2	4	4	1	2	4	2	3	2	9
9. Suffocation..... { M.....	241	143	153	1	2	1	5	6	4	7	5	9	5	3	5	35
{ F.....	158	118	125	3	1		1			1	2	2	2	2		19
10. Suicide by shooting..... { M.....	108					3	10	18	12	10	14	14	8	11	5	3
{ F.....	6							1	4	1						
11. Suicide by drowning..... { M.....	16				1				2	6		1	3	2		1
{ F.....	4						1							1		
12. Suicide by poison..... { M.....	71				1	3	2	4		7	8	10	9	11	4	5
{ F.....	36					3	7	4		1	4	5	5	4		3
13. Other suicides..... { M.....	232				1	2	11	9		28	32	26	24	26	25	32
{ F.....	55					2	5	4		4	5	8	5	3	9	6
14. Sunstroke..... { M.....	231	8	10	3	3	3	18	24		33	36	34	25	13	9	12
{ F.....	67	8	10	1		2	5	8		4	2	4	3	1	6	16
15. Surgical operations..... { M.....	29		2	1	2	3	2	2		4		1	5	3	1	4
{ F.....	39	1	1	1		1	4	2		7	4		4	1		1
(M.....	45	2	9		2	1		3		3	7		5	1		6

TABLE 92.—DEATHS AMONG THE COLORED POPULATION OF PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and un-known.
All causes.....	7,322	2,248	3,125	236	154	229	395	406	336	363	298	314	236	174	201	865
Males.....	3,440	1,096	1,520	113	71	84	186	185	157	176	172	172	119	68	94	323
Females.....	3,882	1,152	1,605	123	83	145	209	221	179	187	126	142	117	106	107	542
Unknown causes.....	24	3	4	1		1		3	1	3	2	2	2	2		3
Males.....	10	1	1					3	1	1	2		1			1
Females.....	14	2	3	1		1				2		2	1	2		2
I.—General diseases:																
General diseases—A.....	863	368	517	47	29	42	44	37	23	20	17	19	7	11	10	40
Males.....	394	157	235	23	16	14	21	16	8	13	11	8	4	4	4	17
Females.....	469	211	282	24	13	28	23	21	15	7	6	11	3	7	6	23
1. Smallpox..... { M.....	5					1	3	1								
{ F.....																
2. Measles..... { M.....	14	2	14													
{ F.....	11	1	7	3	1											
3. Scarlet fever..... { M.....	13	1	7	5								1				
{ F.....	10		4	3	1			2								
4. Diphtheria..... { M.....	30	3	17	6	4	2										1
{ F.....	32	5	17	8	4	2		1								
5. Whooping cough..... { M.....	33	15	32	1												
{ F.....	33	18	32									1				
6. Fever..... { M.....																
{ F.....	1									1						
7. Cerebro-spinal fever..... { M.....	4	1	2	1		1	2	1		1						
{ F.....	7	1	2	1												
8. Typhoid fever..... { M.....	70	1	5	6	8	5	15	10	4	7	2	5		1		2
{ F.....	76	1	4	5	6	20	11	9	5	2	1	5	1	3	1	3
9. Diarrheal diseases..... { M.....	66	27	33	3	2	3	1	2	2	1	3	1	1	1	3	10
{ F.....	83	41	50	3		2	5	3	4	2		1	1	1	2	9
10. Cholera infantum..... { M.....	113	99	113													
{ F.....	149	133	149													
11. Malarial fever..... { M.....	7		1			2		1		2	1					
{ F.....	11	2	3	1			1				2	2		1		1
12. Erysipelas..... { M.....	5	2	2					1	1	1						
{ F.....	9	1	1				1		1		1	1	1		1	2
13. Septicæmia..... { M.....	11			1	1	1		1	1	1		1	2	1		1
{ F.....	18	1	1		1	2	2	4	3	2	1			1	1	
14. Venereal diseases..... { M.....	17	6	9		1		1				3		1	1	1	
{ F.....	17	6	10				1	1	2		1	1				1
15. Others of this group..... { M.....	6						1				2					3
{ F.....	12	1	2			1								1	1	7
General diseases—B.....	259	209	222	1		1		1	6	3	6	6	2	2	2	7
Males.....	136	104	111	1				1	3	2	6	5	2	2	1	2
Females.....	123	105	111			1			3	1		1			1	5
1. Parasitic diseases..... { M.....																
{ F.....																
2. Alcoholism..... { M.....	19							1	1	2	5	5	2	1		2
{ F.....	5								2	1		1			1	
3. Lead poison..... { M.....																
{ F.....																
4. Other poisons..... { M.....	5	1	2						2		1					
{ F.....	2		1			1										
5. Inanition..... { M.....	112	103	109	1										1	1	
{ F.....	116	105	110						1							5
General diseases—C.....	1,201	829	901	6	3	3	6	2		4	3	6	8	7	19	233
Males.....	525	417	445	3	2		4	2			1	2	3	2	5	56
Females.....	676	412	456	3	1	3	2			4	2	4	5	5	14	177
48			48													1
45			45													
220			220													
185			185													
4			4													
149			177	3	2		4	2			1	2	3	2	5	32
222			222	3	1	3	2			4	2	4	5	5	13	88

TABLE 92.—DEATHS AMONG THE COLORED POPULATION OF PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>I.—General diseases—Continued.</b>																
General diseases—D.....	1,617	43	157	61	53	96	222	213	158	162	126	97	78	34	40	120
Males.....	769	22	80	31	18	39	109	99	69	81	64	55	36	15	17	56
Females.....	848	21	77	30	35	57	113	114	89	81	62	42	42	19	23	64
1. Rheumatism..... { M.....	3															2
{ F.....	14		1	1	1		1		1			1	1	1	3	3
2. Scrofula and tabes..... { M.....	23	4	11	3	2	1	1	1	1		1			1		1
{ F.....	23	3	12	2	4	1	1		1	1			1			
3. Leprosy..... { M.....																
{ F.....																
4. Consumption..... { M.....	644	8	41	18	15	36	106	95	67	77	54	49	30	8	11	37
{ F.....	662	7	36	20	26	53	111	110	78	71	47	31	25	14	8	32
5. Hydrocephalus..... { M.....	40	9	24	8	1	2		1		1		1		1	1	
{ F.....	27	10	20	5	2											
6. Cancer..... { M.....	18			1				1	1	2	3	2	1	2		5
{ F.....	69				1			2	7	6	13	9	8	2	9	12
7. Tumor..... { M.....	7						1								2	1
{ F.....	10		1					1	1		2		1		1	3
8. Anæmia..... { M.....	1		1													1
{ F.....	1															
9. Dropsy..... { M.....	28		2	1				1		1	5	3	3	1	2	9
{ F.....	31	1	4	1	1	2		1	1	3			4	2	2	12
10. Diabetes..... { M.....	3						1				1					1
{ F.....	6					1						1	2	2		
11. Others of this group..... { M.....	1	1	1													
{ F.....	5		3	1												1
12. Others of this class..... { M.....	1														1	
{ F.....																
<b>II.—Diseases of the nervous system.....</b>	<b>914</b>	<b>345</b>	<b>507</b>	<b>37</b>	<b>17</b>	<b>17</b>	<b>19</b>	<b>21</b>	<b>22</b>	<b>25</b>	<b>20</b>	<b>25</b>	<b>33</b>	<b>20</b>	<b>29</b>	<b>122</b>
Males.....	449	171	266	22	8	9	8	8	11	18	10	14	13	8	11	43
Females.....	465	174	241	15	9	8	11	13	11	7	10	11	20	12	18	79
1. Inflammation of the brain..... { M.....	72	20	37	9	3	3	4	2	3	4	1	3	3			4
{ F.....	58	19	38	5	3	3	1	1	1			2				
2. Apoplexy..... { M.....	40		2	1		1	1		1	1	4	2	5	2	4	17
{ F.....	65	2	3				2	2	4		3	5	8	6	10	21
3. Paralysis..... { M.....	38	2	7	1					2	2	1	1	3	3	5	15
{ F.....	72		3				1		1	2	3	3	7	2	8	42
4. Tetanus and trismus nascentium..... { M.....	9	3	3			1	1	1	1	1					1	
{ F.....	6	4	5													
5. Epilepsy..... { M.....	5			1						1	1	1		1		1
{ F.....	3						1				1					
6. Convulsions..... { M.....	177	117	163	6	2	1		1		2						2
{ F.....	176	125	156	5	2	1	1	6	2	1			1	1		
7. Mental diseases..... { M.....	5						1		1	1				1		1
{ F.....	1															1
8. Diseases of the brain..... { M.....	99	28	52	3	3	3	1	4	6	6	3	6	2	1	1	8
{ F.....	77	24	35	4	4	2	5	2	3	2	3		4	3		9
9. Diseases of the spinal cord..... { M.....	4	1	2	1								1				
{ F.....	5		1			1		2				1				
10. Others of this class..... { M.....																1
{ F.....	2			1												
<b>III.—Diseases of the circulatory system.....</b>	<b>572</b>	<b>25</b>	<b>35</b>	<b>10</b>	<b>13</b>	<b>10</b>	<b>17</b>	<b>20</b>	<b>36</b>	<b>53</b>	<b>49</b>	<b>71</b>	<b>45</b>	<b>43</b>	<b>35</b>	<b>125</b>
Males.....	283	9	13	6	5	4	9	16	22	27	33	38	26	17	19	48
Females.....	289	16	22	4	8	6	8	14	14	26	16	33	19	26	16	77
1. Angina pectoris..... { M.....	3										1			1	1	
{ F.....	5											1				
2. Aneurism..... { M.....	19							1		1	4	4	5	2	2	
{ F.....	10									1	1	1	6	1	1	
3. Diseases of the heart..... { M.....	253	3	7	6	4	4	9	15	22	22	29	33	24	14	18	47
{ F.....	265	8	13	4	8	6	8	14	14	25	14	25	24	24	15	77
4. Others of this class..... { M.....	8	6	6		1											
{ F.....	9	8	9													



TABLE 93.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN THE UNITED STATES, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	110,556	38,061	54,282	4,194	2,089	3,274	4,756	5,014	4,257	3,961	3,372	3,177	2,874	2,676	2,936	13,694
Males.....	56,193	20,196	28,412	2,134	1,064	1,555	2,329	2,521	2,181	2,083	1,814	1,749	1,496	1,358	1,479	6,018
Females.....	54,363	17,865	25,870	2,060	1,025	1,719	2,427	2,493	2,076	1,878	1,558	1,428	1,378	1,318	1,457	7,676
Unknown causes.....	399	69	88	6	8	5	15	26	16	17	19	23	16	15	28	117
Males.....	226	45	57	4	5	3	10	16	8	9	14	13	8	8	14	57
Females.....	173	24	31	2	3	2	5	10	8	8	5	10	8	7	14	60
4.—General diseases:																
General diseases—A.....	19,260	7,067	12,232	1,559	625	767	825	644	466	337	251	211	179	175	199	790
Males.....	9,440	3,485	6,052	731	293	370	414	349	226	164	120	115	92	90	85	339
Females.....	9,820	3,582	6,180	828	332	397	411	295	240	173	131	96	87	85	114	451
1. Smallpox..... { M.....	48	7	15	7	1	6	8	4		3	1	1			1	1
{ F.....	36	11	20	5	2	1	3	1		2		1				
2. Measles..... { M.....	309	97	293	10	3	1	1			1						
{ F.....	304	69	266	27	5	1		1			1		1			2
3. Scarlet fever..... { M.....	724	55	494	168	32	13	6	7	1		2	1				2
{ F.....	762	54	479	208	36	9	8	6	3	1	2	1		1		8
4. Diphtheria..... { M.....	1,363	84	961	313	48	11	7	6	2	2	2	1	1			9
{ F.....	1,536	101	1,012	382	82	24	7	4	6	4	1	1	1			12
5. Whooping cough..... { M.....	283	172	273	7								1				2
{ F.....	379	224	357	9	3	1						1	1			7
6. Fever..... { M.....	1									1						
{ F.....	5		1						2	1				1		
7. Cerebro-spinal fever..... { M.....	148	19	52	32	29	11	9	4	1	1	1	1	1	1		5
{ F.....	139	29	75	21	16	12	3	1	1	2	1	1	3	1		4
8. Typhoid fever..... { M.....	1,588	8	74	92	123	252	315	257	157	97	55	39	33	25	20	49
{ F.....	1,514	16	83	100	139	305	297	169	116	71	47	45	26	27	26	63
9. Diarrheal diseases..... { M.....	1,693	853	1,136	61	24	30	35	36	23	31	24	46	36	34	36	141
{ F.....	1,705	801	1,045	57	25	20	42	39	42	31	39	18	31	31	58	227
10. Cholera infantum..... { M.....	2,462	1,993	2,453													9
{ F.....	2,543	2,054	2,537													6
11. Malarial fever..... { M.....	181	15	36	19	15	21	14	10	9	11	11	5	3	6	6	15
{ F.....	168	12	38	8	11	14	11	10	13	7	8	4	4	9	6	25
12. Erysipelas..... { M.....	163	55	63	3	2	4	1	8	8	2	8	6	7	9	10	32
{ F.....	173	67	76	1	2	2	5	6	10	6	5	10	6	7	9	28
13. Septicæmia..... { M.....	258	32	87	16	13	19	11	13	18	11	11	11	9	12	5	22
{ F.....	331	46	71	9	9	7	31	52	42	39	24	10	6	4	10	17
14. Venereal diseases..... { M.....	127	89	100		2	1	1	4	4	2	2			2	2	7
{ F.....	123	90	104				3	4	4	6	1	1		1		2
15. Others of this group..... { M.....	92	6	15	3	1	1	6		3	2	5	3	2	1	5	45
{ F.....	102	8	19	1	2	1	1	2	1	3	2	4	7	4	5	50
General diseases—B.....	3,770	3,028	3,223	21	2	14	22	49	68	92	55	45	41	26	23	89
Males.....	1,975	1,535	1,624	9	1	4	10	33	45	76	37	34	28	17	14	43
Females.....	1,795	1,493	1,599	12	1	10	12	16	23	16	18	11	13	9	9	46
1. Parasitic diseases..... { M.....	1	1	1													
{ F.....	2		1	1												
2. Alcoholism..... { M.....	244	2	2	2		1	5	25	36	63	33	27	20	12	8	10
{ F.....	79	1	2				4	8	13	12	14	5	10	2	2	7
3. Lead poison..... { M.....	1						1									
{ F.....																
4. Other poisons..... { M.....	63	8	13			3	3	6	7	9	3	5	6	3	1	4
{ F.....	38	2	9	2		4	4	4	1	3	3	2	1	3		2
5. Inanition..... { M.....	1,666	1,524	1,608	7	1		1	2	2	4	1	2	2	2	5	29
{ F.....	1,676	1,490	1,587	9	1	6	4	4	9	1	1	4	2	4	7	37
General diseases—C.....	19,394	14,485	15,407	107	37	27	32	32	33	42	53	50	66	113	169	3,226
Males.....	9,868	7,975	8,426	57	20	11	15	9	12	14	25	19	26	45	61	1,128
Females.....	9,526	6,510	6,981	50	17	16	17	23	21	28	28	31	40	68	108	2,098
1. Premature birth..... { M.....	1,070	1,006														3
{ F.....	885	883														2

TABLE 93.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN THE UNITED STATES, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
<b>I.—General diseases—Continued.</b>																
General diseases—D.....	17,793	879	1,696	309	288	1,140	2,257	2,419	1,860	1,598	1,222	1,030	858	686	595	1,828
Males.....	8,480	460	889	149	95	471	1,076	1,167	854	818	629	513	393	312	264	759
Females.....	9,304	419	807	160	193	669	1,181	1,252	915	780	593	517	465	374	331	1,067
1. Rheumatism..... { M.....	73	3	7	4	2	8	5	5	4	5	6	7	3	2	3	12
{ F.....	114	1	4	7	7	14	4	7	5	9	9	6	8	4	10	20
2. Scrofula and tabes..... { M.....	217	85	126	13	7	7	7	9	5	7	5	5	6	4	2	14
{ F.....	195	85	122	4	12	6	8	13	8	2	5	3	4	2	1	5
3. Leprosy..... { M.....																
{ F.....																
4. Consumption..... { M.....	6,601	95	224	59	59	422	1,037	1,115	898	739	545	428	283	214	157	421
{ F.....	6,554	84	210	76	138	623	1,135	1,171	814	638	431	303	243	171	133	468
5. Hydrocephalus..... { M.....	545	232	437	47	12	8	2	10	4	5	2	3		1	2	12
{ F.....	487	214	398	43	12	5	1	9		3	3	2	2	4	1	4
6. Cancer..... { M.....	447		7	2		1	5	6	11	29	27	28	54	56	55	166
{ F.....	1,320	3	5	3	2		11	24	55	98	120	170	157	153	141	381
7. Tumor..... { M.....	125	5	10	5	4	5	6	7	10	11	10	14	10	7	12	14
{ F.....	127	1	4	3	3	3	5	7	11	9	9	13	13	5	12	30
8. Anæmia..... { M.....	51	8	13	1		3	2	3	4	2	6	2	3	2	3	7
{ F.....	79	9	15	2	3	7	5	4	5	4	2	4	5	3	4	16
9. Dropsy..... { M.....	231	8	29	13	6	4	3	8	3	7	17	15	20	12	17	77
{ F.....	298	5	23	16	10	8	7	11	4	14	12	10	23	22	22	116
10. Diabetes..... { M.....	128	2	6			10	6	4	9	10	9	10	12	10	11	31
{ F.....	78	1	1	1	3	1	3	5	9	3	1	5	10	10	4	22
11. Others of this group..... { M.....	67	22	29	5	5	3	3		6	3	1	1	1	4	1	5
{ F.....	52	16	25	5	3	2	2	1	4		1	1			3	5
12. Others of this class..... { M.....	4		1								1		1		1	
{ F.....																
<b>II.—Diseases of the nervous system.....</b>																
Males.....	8,291	3,158	4,791	354	156	136	118	138	152	180	190	199	229	208	283	1,148
Females.....	7,702	2,828	4,425	262	130	135	127	137	125	141	141	178	185	181	230	1,305
1. Inflammation of the brain { M.....	1,771	645	1,179	182	66	53	40	39	45	26	29	24	16	13	12	47
{ F.....	1,509	531	1,073	120	60	47	38	31	24	23	14	18	6	14	9	32
2. Apoplexy..... { M.....	1,076	48	73	10	5	7	14	11	26	41	57	70	90	88	136	448
{ F.....	1,089	53	81	6	5	5	14	21	26	29	42	64	75	72	107	542
3. Paralysis..... { M.....	711	14	39	8	5	3	7	13	23	23	22	33	51	52	72	360
{ F.....	854	14	39	4	7	10	7	16	17	33	23	33	48	47	71	499
4. Tetanus and trismus nascentium..... { M.....	135	76	80	8	7	1	8	5	4	9	1	4	4	1	1	2
{ F.....	75	57	59			1	1	1	2	5		1	2	1		
5. Epilepsy..... { M.....	76	2	7	4	3	7	9	6	3	12	9	2	3	3	3	5
{ F.....	67	2	5		3	11	4	7	7	4	4	7	2	2		11
6. Convulsions..... { M.....	2,802	1,902	2,625	79	20	20	5	5	5	7	3	3	6	2	1	21
{ F.....	2,708	1,783	2,491	73	21	21	21	25	11	9	8	3	3	3	2	17
7. Mental diseases..... { M.....	73			1		1	1	4	6	6	6	11	5	3	6	23
{ F.....	49				1	1	3	1	4	6	5	6	5	3	2	12
8. Diseases of the brain..... { M.....	1,494	463	768	52	46	38	27	50	34	60	56	41	43	34	41	204
{ F.....	1,205	379	656	49	31	30	31	28	29	24	33	35	33	33	29	164
9. Diseases of the spinal cord { M.....	118	6	17	8	3	5	5	3	6	3	5	9	10	10	8	26
{ F.....	94	9	21	5	1	5	2	5	4	4	4	7	8	5	7	16
10. Others of this class..... { M.....	35	2	3	2	1	1	2	2		2	2	2	1	2	3	12
{ F.....	52			5	1	4	6	2	1	4	6	4	3	1	3	11
<b>III.—Diseases of the circulatory system.....</b>																
Males.....	3,386	665	743	89	86	116	100	131	145	151	182	219	170	187	220	847
Females.....	3,316	543	606	90	116	114	105	137	131	173	160	167	182	191	220	924
1. Angina pectoris..... { M.....	91					2	1		5	4	6	6	4	10	15	38
{ F.....	62				1	1		2		6	3	3	7	6	14	19
2. Aneurism..... { M.....	77					2	1	6	4	11	8	16	8	4	8	9
{ F.....	30						1		2	4	3	7	3	3		
3. Diseases of the heart..... { M.....	2,690	167	234	88	85	111	97	125	134	136	182	219	170	187	220	847
{ F.....																

TABLE 93.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN THE UNITED STATES, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IX.—Diseases of the bones and joints....	129	10	25	34	13	15	3	11	5	7	3	1	.....	6	1	5
Males .....	78	6	16	19	8	9	3	9	4	3	.....	.....	.....	5	1	1
Females .....	51	4	9	15	5	6	.....	2	1	4	3	1	.....	1	.....	4
1. Diseases of the spine..... { M.....	48	2	8	13	3	6	2	7	3	3	.....	.....	.....	2	1	.....
{ F.....	30	2	5	10	3	1	.....	2	.....	2	3	1	.....	.....	.....	3
2. Diseases of the bones..... { M.....	8	3	4	.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	1
{ F.....	6	.....	.....	2	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	1
3. Diseases of the hip joint. { M.....	18	1	4	5	5	1	.....	2	.....	.....	.....	.....	.....	1	.....	.....
{ F.....	13	1	3	3	2	4	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
4. Others of this class..... { M.....	4	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
{ F.....	2	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
X.—Diseases of the skin.....	211	62	82	12	5	5	7	9	17	10	11	11	11	9	4	18
Males .....	132	38	49	7	5	2	3	8	10	7	4	8	10	6	3	10
Females .....	79	24	33	5	.....	3	4	1	7	3	7	3	1	3	1	8
1. Abscess..... { M.....	96	25	36	7	5	2	2	7	10	6	3	7	5	2	1	3
{ F.....	57	15	21	4	.....	1	4	1	7	3	5	3	1	1	1	5
2. Carbuncle..... { M.....	20	1	1	.....	.....	1	.....	.....	.....	1	.....	1	5	4	2	5
{ F.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2	.....	2
3. Others of this class..... { M.....	16	12	12	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	2
{ F.....	17	9	12	1	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	1
XI.—Diseases of the absorbent system..	26	1	8	1	.....	1	.....	.....	2	3	1	2	1	2	.....	5
Males .....	15	1	5	1	.....	.....	.....	.....	2	1	.....	1	1	1	.....	3
Females .....	11	.....	3	.....	1	.....	.....	.....	.....	2	1	1	.....	1	.....	2
1. Addison's disease..... { M.....	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
{ F.....	4	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....
2. Diseases of the spleen..... { M.....	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Others of this class..... { M.....	10	1	5	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	2
{ F.....	7	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	2
XII.—Accidents and injuries.....	3,622	503	788	211	232	217	282	298	260	250	205	206	118	115	102	338
Males .....	2,623	270	433	147	197	174	237	246	206	203	162	167	98	87	71	195
Females .....	999	233	355	64	35	43	45	52	54	47	43	39	20	28	31	143
1. Burns and scalds..... { M.....	165	12	85	11	8	9	9	14	5	9	1	5	4	.....	.....	5
{ F.....	187	7	72	33	13	10	4	7	3	13	6	8	.....	3	7	8
2. Drowned..... { M.....	393	1	16	56	69	49	40	31	25	23	23	19	10	10	10	12
{ F.....	56	.....	11	10	6	11	4	4	3	1	1	1	2	.....	.....	2
3. Exposure and neglect... { M.....	12	3	3	1	.....	.....	1	.....	.....	1	2	.....	1	1	.....	2
{ F.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Gunshot wounds..... { M.....	38	.....	.....	.....	4	7	4	6	2	4	2	2	1	.....	.....	6
{ F.....	5	.....	.....	1	.....	1	.....	1	.....	.....	1	.....	1	.....	.....	.....
5. Homicide..... { M.....	34	1	1	.....	.....	3	6	8	5	2	3	.....	1	.....	1	4
{ F.....	16	2	2	1	.....	2	1	3	.....	.....	.....	.....	3	.....	1	3
6. Infanticide..... { M.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. Injuries by machinery... { M.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. Railroad accidents..... { M.....	333	.....	2	11	20	21	72	53	30	27	30	21	6	11	10	19
{ F.....	36	.....	2	2	3	4	3	4	4	1	2	3	1	1	1	5
9. Suffocation..... { M.....	223	154	165	1	2	1	3	3	2	3	3	5	3	2	3	27
{ F.....	177	135	144	4	1	2	1	1	.....	1	2	1	2	1	.....	17
10. Suicide by shooting... { M.....	62	.....	.....	.....	.....	3	7	12	5	8	7	10	4	3	2	1
{ F.....	7	.....	.....	.....	.....	.....	1	1	4	1	.....	.....	.....	.....	.....	.....
11. Suicide by drowning... { M.....	9	.....	.....	.....	1	.....	.....	.....	2	2	.....	1	1	1	.....	1
{ F.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Suicide by poison..... { M.....	39	.....	.....	.....	1	2	2	3	4	4	6	4	5	1	5	2
{ F.....	24	.....	.....	.....	.....	2	6	4	1	2	2	3	2	.....	.....	2
	194	.....	.....	.....	1	1	7	7	.....	21	12	10	10	12	9	15

TABLE 94.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN ENGLAND AND WALES, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	2,136	17	48	28	11	33	106	110	102	151	175	150	154	172	165	731
Males.....	1,174	12	34	13	7	14	59	54	56	81	102	88	90	102	95	379
Females.....	962	5	14	15	4	19	47	56	46	70	73	62	64	70	70	352
Unknown causes.....	18						1	1	2		1		2	1	2	8
Males.....	12						1		1		1		1	1	1	6
Females.....	6							1	1				1		1	2
I.—General diseases:																
General diseases—A.....	244	8	17	11	6	7	28	30	14	21	11	18	13	16	7	45
Males.....	138	6	11	4	4	2	19	12	7	14	5	10	9	9	4	28
Females.....	106	2	6	7	2	5	9	18	7	7	6	8	4	7	3	17
1. Smallpox..... { M.....	3							1		1		1				
{ F.....																
2. Measles..... { M.....	1		1													
{ F.....	1	1	1													
3. Scarlet fever..... { M.....	3	1	2	1												
{ F.....	4			4												
4. Diphtheria..... { M.....	3		1	1	1											
{ F.....	3		1	2												
5. Whooping cough..... { M.....	1															1
{ F.....																
6. Fever..... { M.....																
{ F.....																
7. Cerebro-spinal fever..... { M.....	1						1									
{ F.....																
8. Typhoid fever..... { M.....	68			1	1	2	16	9	7	8	3	7	4	3	1	6
{ F.....	44			1	1	5	5	15	2	3	2	2	4	2		2
9. Diarrheal diseases..... { M.....	35	3	3	1	1			1		4	1	1	3	4	2	14
{ F.....	30	1	3		1		1		2	1	1	5		3	2	11
10. Cholera infantum..... { M.....	3	2	3													
{ F.....	1		1													
11. Malarial fever..... { M.....	3							1		1		1	1			
{ F.....	3								1							1
12. Erysipelas..... { M.....	2									1	1					
{ F.....	2														1	1
13. Septicæmia..... { M.....	9		1		1		1						1	2	1	2
{ F.....	15						3	3	2	2	1	1		2		1
14. Venereal diseases..... { M.....	1						1									
{ F.....																
15. Others of this group..... { M.....	5															5
{ F.....	3										2					1
General diseases—B.....	23	1	2	1					2	1	1	6	3	4	2	1
Males.....	20		1						2	1	1	5	3	4	2	1
Females.....	3	1	1	1								1				
1. Parasitic diseases..... { M.....																
{ F.....																
2. Alcoholism..... { M.....	13									1	1	4	1	4	1	1
{ F.....	1															
3. Lead poison..... { M.....	1								1							
{ F.....																
4. Other poisons..... { M.....	3								1			1	1			
{ F.....																
5. Inanition..... { M.....	3		1										1		1	
{ F.....	2	1	1	1												
General diseases—C.....	189	1	4				1	1	1	1	4	2	2	2	8	163
Males.....	79		3						1			1	1	1	3	69
Females.....	110	1	1				1	1		1	4	1	1	1	5	94
1. Premature birth..... { M.....																
{ F.....																
2. Stillborn..... { M.....																
{ F.....																



TABLE 94.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN ENGLAND AND WALES, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IV.—Diseases of the respiratory system...	274	1	8	8		4	9	3	9	13	23	19	29	19	28	102
Males .....	151	1	7	5		2	2	2	7	6	14	8	19	11	16	52
Females .....	123		1	3		2	7	1	2	7	9	11	10	8	12	50
1. *Croup .....	{ M. 4		2	1									1			
{ F. 3				3												
2. Laryngitis .....	{ M. 2		2				1									
{ F. 1																
3. Bronchitis .....	{ M. 18			1				2				1	1	2	4	7
{ F. 17										1		1		1	3	11
4. Pneumonia .....	{ M. 91	1	3	2		2	1	1	3	5	12	5	12	6	7	32
{ F. 80			1			1	6	1	2	7	8	6	9	6	7	28
5. Pleurisy .....	{ M. 4										1	1			1	1
{ F. 4												3				1
6. Asthma .....	{ M. 8												2	1		5
{ F. 8													1			7
7. Others of this class .....	{ M. 24			1			1	1	2	1	1	1	3	2	4	7
{ F. 10						1						1		1	2	5
V.—Diseases of the digestive system...	157	2	4	1		2	10	8	10	12	17	10	15	16	14	38
Males .....	74	2	3				3	4	2	5	11	7	5	6	10	18
Females .....	83		1	1		2	7	4	8	7	6	3	10	10	4	20
1. Dentition .....	{ M. 2	2	2													
{ F. 1			1													
2. Angina .....	{ M.															
{ F.																
3. Diseases of the stomach .....	{ M. 14					1				2	2	2	2	2	1	4
{ F. 16							3	1	1	2	1		1	1	1	4
4. Obstruction of the bowels .....	{ M. 4														2	2
{ F. 8										1	2	1	1	1	1	1
5. Hernia .....	{ M.												1	1		3
{ F. 6																
6. Other diseases of the bowels .....	{ M. 2							1						1		1
{ F. 1																
7. Jaundice .....	{ M. 3												1			2
{ F. 1																1
8. Inflammation and abscess of the liver .....	{ M. 11							1	1	3	3			1	1	1
{ F. 9									1			1	1	3		3
9. Other diseases of the liver .....	{ M. 24					1				1	4	5	1	2	4	7
{ F. 14										1	2		4	4	1	1
10. Peritonitis .....	{ M. 14		1				2	3		1	2		1		2	2
{ F. 23				1			4	3	6	3	1		1	1		3
11. Ascites .....	{ M.															2
{ F. 3													1			
12. Others of this class .....	{ M.															1
{ F. 1																
VI.—Diseases of the urinary system and male organs of generation.	99				1	1	2	4	5	9	5	7	8	11	11	35
Males .....	63						1		3	5	3	5	7	7	8	24
Females .....	36				1	1		4	2	4	2	2	1	4	3	11
1. Bright's disease .....	{ M. 38						1		3	5	3	5	4	4	5	8
{ F. 17								4		3	1			2	2	5
2. Calculus, urinary .....	{ M.															
{ F.																
3. Diseases of the kidney .....	{ M. 15												2	2	1	10
{ F. 11					1		1		1			1	1	1	1	3
4. Diseases of the bladder .....	{ M. 4														2	3
{ F. 3									1							1
5. Others of this class .....	{ M. 6												1			4
{ F. 5						1					1	1				2
VII.—Diseases of the female organs of generation.	7							1	3			2				1
1. Ovarian tumors .....	1								1							
2. Ovarian diseases .....																
3. Uterine tumors .....	3											2				1
4. Uterine diseases .....	2							1	1							
5. Others of this class .....	1								1							
VIII.—Affections connected with pregnancy.	13						2	5	1	3	2					
1. Abortion .....																
2. Childbirth .....	3															
3. Puerperal septicemia .....																

TABLE 94.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN ENGLAND AND WALES, ETC.—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
IX.—Diseases of the bones and joints.....	2				1	1										
Males.....	1					1										
Females.....	1				1											
1. Diseases of the spine..... { M	1					1										
{ F	1				1											
2. Diseases of the bones..... { M																
{ F																
3. Diseases of the hip joint. { M																
{ F																
4. Others of this class..... { M																
{ F																
X.—Diseases of the skin.....	5									2	1			1		1
Males.....	2										1			1		
Females.....	3									2						1
1. Abscess..... { M										1						
{ F	1															
2. Carbuncle..... { M										1						1
{ F	2															
3. Others of this class..... { M	2										1			1		
{ F																
XI.—Diseases of the absorbent system.....	4									1				2	1	
Males.....	3									1				2		
Females.....	1														1	
1. Addison's disease..... { M	2									1				1		
{ F	1														1	
2. Diseases of the spleen..... { M																
{ F																
3. Others of this class..... { M	1													1		
{ F																
XII.—Accidents and injuries.....	120		1	3	2	3	7	19	9	11	10	15	9	6	6	19
Males.....	105		1	3	2	3	7	17	9	10	8	14	8	5	5	13
Females.....	15							2		1	2	1	1	1	1	6
1. Burns and scalds..... { M					1		1		2			2				
{ F	7															
2. Drowned..... { M				2		3	2	6		1				1		2
{ F	17															
3. Exposure and neglect..... { M																
{ F																
4. Gunshot wounds..... { M																
{ F																
5. Homicide..... { M	4							1		1		1	1			
{ F	1							1								
6. Infanticide..... { M																
{ F																
7. Injuries by machinery..... { M																
{ F																
8. Railroad accidents..... { M	13					1	3	2			2	2				3
{ F																
9. Suffocation..... { M																1
{ F	1															
10. Suicide by shooting..... { M	6									1	1	2	1	1		
{ F																
11. Suicide by drowning..... { M													1			
{ F	1															
12. Suicide by poison..... { M	2											1	1			
{ F	1										1					
13. Other suicides..... { M	8					1				2		2	1		1	1
{ F	1									1						
14. Sunstroke..... { M	5							1	1	1			1			1
{ F	3											1				2
15. Surgical operations..... { M																
{ F																
16. Wounds..... { M	1									1						
{ F	1										1					

TABLE 95.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN IRELAND, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes .....	11,916	7	42	24	17	122	519	650	671	847	859	966	1,034	951	1,130	4,084
Males .....	5,579	4	19	10	8	43	258	317	334	444	440	486	497	473	516	1,704
Females .....	6,337	3	23	14	9	79	261	333	337	403	419	480	537	478	584	2,380
Unknown causes .....	63						1		2	1	3	5	6	5	11	29
Males .....	28										2	3	3	2	4	14
Females .....	35						1		2	1	1	2	3	3	7	15
I.—General diseases:																
General diseases—A .....	981	3	15	7	2	40	127	107	69	69	61	59	70	64	70	221
Males .....	477	2	6	2	1	11	69	64	33	37	32	33	31	30	32	96
Females .....	504	1	9	5	1	29	58	43	36	32	29	26	39	34	38	125
1. Smallpox .....	{ M. 3 F. 3							1	1	1				1		
2. Measles .....	{ M. 4 F. 2		1					1	1			1				
3. Scarlet fever .....	{ M. 7 F. 14		1	2		2	2	1	2						1	
4. Diphtheria .....	{ M. 4 F. 9		1			2	2	1	1		1			1		2
5. Whooping cough .....	{ M. 1 F. 1		1													
6. Fever .....	{ M. 1 F. 1								1				1			
7. Cerebro-spinal fever .....	{ M. 1 F. 1		1												1	
8. Typhoid fever .....	{ M. 205 F. 171				1	8	56	50	25	19	14	6	7	7	2	10
9. Diarrheal diseases .....	{ M. 160 F. 206	1	1			2	4	7	4	11	10	14	13	13	18	63
10. Cholera infantum .....	{ M. 1 F. 1	1	1													
11. Malarial fever .....	{ M. 11 F. 11						3		1		1		4	1	1	1
12. Erysipelas .....	{ M. 23 F. 20							2	1	1	3	5	2	1	3	4
13. Septicæmia .....	{ M. 35 F. 41		1			1	2	2	2	3	2	4	3	5	4	6
14. Venereal diseases .....	{ M. 3 F. 3										1	2				
15. Others of this group .....	{ M. 19 F. 23							1		1		1	1	2	2	12
General diseases—B .....	178		1				3	12	11	25	18	27	20	19	7	35
Males .....	108						1	9	9	17	12	17	12	13	4	14
Females .....	70		1				2	3	2	8	6	10	8	6	3	21
1. Parasitic diseases .....	{ M. 1 F. 1															
2. Alcoholism .....	{ M. 90 F. 39						1	9	8	16	11	15	8	12	2	8
3. Lead poison .....	{ M. 2 F. 2								1					1		
4. Other poisons .....	{ M. 7 F. 6						1			1		2	3			1
5. Inanition .....	{ M. 9 F. 25		1							1	1	4	1	1	2	5
General diseases—C .....	1,572		1	1	1	1	2	7	8	3	12	17	31	32	101	1,355
Males .....	555			1			2	1	3		5	6	13	12	40	472
Females .....	1,017		1		1	1		6	5	3	7	11	18	20	61	883
1. Premature birth .....	{ M. 1 F. 1															
2. Stillbirth .....	{ M. 1 F. 1															
3. Malformation .....	{ M. 1 F. 1															
4. Debridement .....	{ M. 331 F. 537		1		1	1	2	1	3		5	6	13	12	37	351

TABLE 95.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN IRELAND, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
I.—General diseases—Continued.																
General diseases—D .....	2,964		2	1	3	37	197	269	271	349	314	341	284	229	234	433
Males .....	1,333				2	10	76	105	123	164	149	157	123	111	121	192
Females .....	1,631		2	1	1	27	121	164	148	185	165	184	161	118	113	241
1. Rheumatism .....	{ M 14 F 20				1		1	2	4	2	1	3	3		1	6
2. Scrofula and tabes .....	{ M 4 F 9		1	1			2	1	1		1	1	1	1	1	1
3. Leprosy .....	{ M F															
4. Consumption .....	{ M 1,064 F 1,139				1	9	73	97	119	151	133	126	93	77	72	113
5. Hydrocephalus .....	{ M 11 F 9				1	1	2	1	2	1	1	2	2		2	2
6. Cancer .....	{ M 107 F 346		1					7	6	8	7	20	18	23	40	50
7. Tumor .....	{ M 24 F 26						2	2	1	1	1	2	4	4	3	6
8. Anæmia .....	{ M 12 F 8							1	1		2	1	2		4	1
9. Dropsy .....	{ M 20 F 51						1	1	1	2	3	3	1	5	7	9
10. Diabetes .....	{ M 16 F 14							1	1	1	3	2	2	2	1	4
11. Others of this group .....	{ M F	9				2	1		1			1		2		2
12. Others of this class .....	{ M F	1										1				
II.—Diseases of the nervous system .....	1,278	2	6	6	2	5	13	34	41	51	68	83	124	132	157	550
Males .....	587	1	3	2		2	2	19	21	33	30	40	58	64	72	241
Females .....	691	1	3	4	2	3	11	15	20	18	38	43	66	68	85	315
1. Inflammation of the brain .....	{ M 52 F 53		1	1		1	7	6	6	6	3	4	9	4	3	9
2. Apoplexy .....	{ M 203 F 263			2				3	4	5	11	15	20	27	29	89
3. Paralysis .....	{ M 160 F 207					1		1	1	5	5	14	12	31	85	111
4. Tetanus and trismus nascentium .....	{ M 6 F 4				2			1	2	2			1			
5. Epilepsy .....	{ M 4 F 8							1	1	2		1			1	4
6. Convulsions .....	{ M 9 F 9	1	3	1			1	1	2	1	2	1	1			
7. Mental diseases .....	{ M 15 F 7					1		1	2		1	1	2		2	7
8. Diseases of the brain .....	{ M 116 F 110			1		1	2	6	4	12	7	13	9	16	6	42
9. Diseases of the spinal cord .....	{ M 13 F 17	1	1					1	1	1	1	3	4	2	2	7
10. Others of this class .....	{ M 9 F 13								1	1	2		3	2	2	1
III.—Diseases of the circulatory system .....	1,178				1	13	26	24	38	60	71	87	147	127	159	419
Males .....	559					8	13	9	20	38	35	50	69	60	70	187
Females .....	619				1	5	13	15	18	28	36	37	78	67	89	232
1. Angina pectoris .....	{ M 7 F 13						1					1	1	1	1	6
2. Aneurism .....	{ M 21 F 12								2	4	1	2	7	2	2	3
3. Diseases of the heart .....	{ M 527 F 592				1	8	13	8	18	34	21	48	60	67	60	178
4. Others of this class .....	{ M 4 F 2							1								



TABLE 95.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN IRELAND, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and un-known.
IV.—Diseases of the respiratory system.	1,512	2	13	2	2	8	54	68	73	114	103	121	135	141	158	520
Males .....	737	1	8		1	2	37	45	41	59	55	62	77	63	65	222
Females .....	775	1	5	2	1	6	17	23	32	55	48	59	58	78	93	298
1. Croup .....	{ M. 2								2							
F. 2			1	1												
2. Laryngitis .....	{ M. 4		1		1					1				1		
F. 1				1												
3. Bronchitis .....	{ M. 84						6	3	5		4	3	11	8	8	36
F. 144					1	1	1	4	2	3	5	11	8	11	15	82
4. Pneumonia .....	{ M. 493	1	6			2	27	36	28	48	42	43	48	32	48	133
F. 498		1	3			3	14	15	28	42	38	43	40	53	58	161
5. Pleurisy .....	{ M. 29						1	5	1	2	3	2	7	5		3
F. 16							1	1		1	1	3	1		1	6
6. Asthma .....	{ M. 38								1	1		5	1	6	4	20
F. 36										3	1		1	7	7	17
7. Others of this class .....	{ M. 87		1				3	1	4	7	6	9	10	11	5	30
F. 78			1			2	1	3	2	6	3	2	8	6	12	32
V.—Diseases of the digestive system .....	774		2	1		3	21	31	48	44	65	89	95	77	107	191
Males .....	346		1			1	9	11	19	17	30	40	38	40	60	80
Females .....	428		1	1		2	12	20	29	27	35	49	57	37	47	111
1. Dentition .....	{ M. 1															
F. 2										1	1					
2. Angina .....	{ M. 1											1				
F. 2																
3. Diseases of the stomach .....	{ M. 85							3	4		3	10	11	11	23	20
F. 107			1				4	6	7	5	7	11	11	12	12	31
4. Obstruction of the bowels .....	{ M. 22						1	2	1	1	1	1	5	1	2	7
F. 21							1		1	1		3	5	2	3	5
5. Hernia .....	{ M. 12						1			1	1	1	2	2		4
F. 23										1	5	3	3	2	2	7
6. Other diseases of the bowels .....	{ M. 14						1	3	1	1		1	1	3	2	1
F. 13							1	1		1			2	2		6
7. Jaundice .....	{ M. 5								1			1	1		1	1
F. 9										1		1	1		2	4
8. Inflammation and abscess of the liver .....	{ M. 34						1		2	3	7	2	2	7	2	8
F. 20								1		2	1	4	2	2	3	5
9. Other diseases of the liver .....	{ M. 112					1	1	2	6	8	9	18	11	13	19	24
F. 116								8	3	13	16	23	23	9	14	30
10. Peritonitis .....	{ M. 46		1				4	1	3	3	6	3	4	3	7	11
F. 96				1		2	6	12	12	6	9	9	9	5	7	15
11. Ascites .....	{ M. 7								1		2		1		1	2
F. 11											2	1	1	2	3	2
12. Others of this class .....	{ M. 8									1		2			3	2
F. 10									1			1		1	1	6
VI.—Diseases of the urinary system and male organs of generation.	616		1	2	3	1	17	21	20	42	50	59	60	60	80	191
Males .....	345		1	2	2	1	11	6	6	25	21	23	32	40	50	125
Females .....	271				1		6	15	14	17	29	36	28	29	30	66
1. Bright's disease .....	{ M. 173			2			7	2	6	13	12	12	22	23	27	47
F. 136					1		3	8	7	10	15	22	13	17	12	28
2. Calculus, urinary .....	{ M. 2												1	1		
F. 2																
3. Diseases of the kidney .....	{ M. 86		1		2	1	2	1		10	6	7	5	8	12	31
F. 85							2	3	5	6	7	10	11	5	15	21
4. Diseases of the bladder .....	{ M. 31								1				2	2	5	22
F. 10									1				2	2	3	3
5. Others of this class .....	{ M. 53						2	1	1	2	3	4	2	6	6	25
F. 38							1	3	1	1	5	4	2	6	1	14
VII.—Diseases of the female organs of generation.	24						1	3	3	2	2	1	2	3	1	6
1. Ovarian tumors .....	7							1		1	1	1	1			1
2. Ovarian diseases .....	1															1
3. Uterine tumors .....	5									1			1	1		3
4. Uterine diseases .....	4								3						1	3
5. Others .....	7						1	2			1			1		3
VIII.—Affections with preg.	79					2	14	15	16	19	10	2				4
Males .....	2						1		1							1
Females .....	77															3

TABLE 96.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN GERMANY, WITH DISTINCTION OF AGE AND SEX.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
All causes.....	5,960	10	48	30	13	78	229	269	331	379	407	443	559	615	694	1,865
Males.....	3,413	4	24	13	6	42	120	160	190	226	251	283	346	369	419	961
Females.....	2,547	6	24	17	7	36	109	109	141	153	156	160	213	246	275	901
Unknown causes.....	37									1	3	3	3	6	4	17
Males.....	27									1	3	3	3	5	3	9
Females.....	10													1	1	8
<b>I.—General diseases:</b>																
General diseases—A.....	666	4	14	9	4	37	78	72	58	57	46	45	50	52	36	108
Males.....	357	3	8	3	2	18	45	46	32	25	27	24	24	22	15	66
Females.....	309	1	6	6	2	19	33	26	26	32	19	21	26	30	21	42
1. Smallpox..... { M.....																
{ F.....																
2. Measles..... { M.....																
{ F.....																
3. Scarlet fever..... { M.....																
{ F.....	2			2												
4. Diphtheria..... { M.....	7		2	1			2						1			1
{ F.....	8		3	3			1			1						
5. Whooping cough..... { M.....	1										1					
{ F.....	1									1						
6. Fever..... { M.....																
{ F.....																
7. Cerebro-spinal fever..... { M.....	1							1								
{ F.....																
8. Typhoid fever..... { M.....	193			2	2	16	39	36	26	12	17	10	11	8	2	12
{ F.....	143			1	2	19	22	23	11	16	11	8	9	11	4	6
9. Diarrheal diseases..... { M.....	87	1	2			1		4	4	5	8	7	7	9	7	33
{ F.....	94	1	3				4	1	6	7	4	9	10	12	10	28
10. Cholera infantum..... { M.....	4	2	4													
{ F.....																
11. Malarial fever..... { M.....	16						2	1		1		4	2	1	2	3
{ F.....	10								2	1	1	1	2	2		1
12. Erysipelas..... { M.....	13							1				2	1	2	1	4
{ F.....	9										1	1	1	2	1	2
13. Septicæmia..... { M.....	20					1		3		4	1	1	1	1	1	5
{ F.....	31						4	1	7	6	1	2	3	2	2	3
14. Venereal diseases..... { M.....	2								2						1	
{ F.....	2										1					
15. Others of this group..... { M.....	13									1			1	1	2	8
{ F.....	9						1	1					1	1	3	2
General diseases—B.....	77	1	1			1	1	3	10	6	9	5	15	9	8	9
Males.....	65					1		3	10	6	7	4	12	8	7	7
Females.....	12	1	1				1				2	1	3	1	1	2
1. Parasitic diseases..... { M.....																
{ F.....																
2. Alcoholism..... { M.....	43							2	9	3	7	3	8	5	5	1
{ F.....	3										2		1			
3. Lead poison..... { M.....																
{ F.....																
4. Other poisons..... { M.....	14					1		1	1	3		1	4	2		1
{ F.....																
5. Inanition..... { M.....	8													1	2	5
{ F.....	9	1	1				1					1	2	1	1	2
General diseases—C.....	524	1	6	1			1		4	2	1	4	12	15	38	440
Males.....	238	1	4	1			1		2	1	1		7	7	20	194
Females.....	286		2						2	1		4	5			
1. Premature birth..... { M.....																
{ F.....																
2. Stillborn..... { M.....																
{ F.....																
3. Malformation..... { M.....																

TABLE 96.—DEATHS IN PHILADELPHIA FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES DURING THE 6 YEARS ENDING MAY 31, 1890, AMONG THOSE BORN IN GERMANY, WITH DISTINCTION OF AGE AND SEX—Continued.

CAUSE OF DEATH.	All ages.	Under 1 year.	Total under 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 25 years.	25 to 30 years.	30 to 35 years.	35 to 40 years.	40 to 45 years.	45 to 50 years.	50 to 55 years.	55 to 60 years.	60 to 65 years.	65 years and over and unknown.
I.—General diseases—Continued.																
General diseases—D.....	1,436	1	6	2	2	15	56	95	120	129	125	158	156	153	190	229
Males.....	849		3		1	6	32	56	69	82	73	111	97	91	115	113
Females.....	587	1	3	2	1	9	24	39	51	47	52	47	59	62	75	116
1. Rheumatism..... { M	13									3	2	3	1		2	2
{ F	7							2							2	2
2. Scrofula and tabes..... { M	10							1		1	2	3	2		1	
{ F	5									3		1			1	
3. Leprosy..... { M																
{ F																
4. Consumption..... { M	600		2		1	6	29	54	65	67	54	83	67	56	63	53
{ F	325	1	2	1	1	8	23	37	42	32	31	33	17	30	21	47
5. Hydrocephalus..... { M	4						1					2		1		
{ F	4		1												1	1
6. Cancer..... { M	142						1		1	5	9	14	16	21	38	37
{ F	184								7	14	14	12	34	23	38	42
7. Tumor..... { M	13								2	2		2	1	2	3	1
{ F	14					1	1		1		3		2	1	3	2
8. Anæmia..... { M	5										1			1	8	
{ F	3											1		1	1	
9. Dropsy..... { M	42						1		1	3	4	4		5	3	14
{ F	31			1					1	1			3	6	5	14
10. Diabetes..... { M	17							1					3	5	2	6
{ F	12												2		3	7
11. Others of this group..... { M	3		1							1	1					1
{ F	2															
12. Others of this class..... { M																
{ F																
II.—Diseases of the nervous system.....	660	1	5	1	3	3	9	19	18	29	40	42	57	74	79	281
Males.....	374		4	1	2	2	5	12	11	16	26	23	34	42	46	150
Females.....	286	1	1		1	1	4	7	7	13	14	19	23	32	33	131
1. Inflammation of the brain { M	36				1		2	4	3	2	7	3	3	3	1	7
{ F	22	1	1		1		2	2		4	2	2	2	2		4
2. Apoplexy..... { M	158		1				1	2	5	8	7	7	17	16	18	76
{ F	122						1	1	1	4	6	8	13	15	15	58
3. Paralysis..... { M	80				1		1			2	1	7	5	9	12	42
{ F	66								1		3	2	3	6	8	43
4. Tetanus and trismus nascentium. { M	7					1		1	1				2	1		1
{ F	1								1							
5. Epilepsy..... { M	5				1				1						1	2
{ F	2											1				1
6. Convulsions..... { M	6		3	1						2						
{ F	4				1				1				1			1
7. Mental diseases..... { M	13						1	2			3			1	3	3
{ F	7									1		1		1	1	3
8. Diseases of the brain..... { M	54							3	1	1	6	4	6	11	7	15
{ F	50						1	4	2	3	2	4	3	7	6	18
9. Diseases of the spinal cord { M	13									1	2	1	1	1	3	4
{ F	6										1	1			2	2
10. Others of this class..... { M	2											1			1	
{ F	6								1	1			1	1	1	1
III.—Diseases of the circulatory system.....	673			2	1	4	10	10	22	31	33	47	67	91	96	256
Males.....	362					2	7	3	12	17	13	29	36	54	55	134
Females.....	311			2	1	2	3	7	10	14	20	18	31	37	41	122
1. Angina pectoris..... { M	12												3	4	3	3
{ F	11						1		1		1					
2. Aneurism..... { M	6											2		1		3
{ F	1															
3. Diseases of the heart..... { M	341					2	7	3	12	17	13	27				
{ F	297			2	1	2	2	7	9	13						
4. Others of this class..... { M	3															
{ F	2															

**TABLE 97.—DEATHS IN BOSTON DURING THE 6 YEARS ENDING MAY 31, 1890, FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES, WITH DISTINCTION OF COLOR AND BIRTHPLACES OF MOTHERS—Continued.**

CAUSE OF DEATH.	Aggre- gate.	COLOR.		BIRTHPLACES OF MOTHERS.														
		White.	Col- ored.	United States.	Eng- land and Wales.	Ire- land.	Scot- land.	France.	Ger- many	Rus- sia and Po- land.	Can- ada.	Scan- dina- via.	Hun- gary.	Bohe- mia.	Italy.	Other for- eign coun- tries.	Un- known.	
I.—General diseases—Continued.																		
General diseases—D.....	13,629	13,177	452	3,378	421	6,938	242	35	432	57	1,149	104	4	7	102	168	592	
Males.....	6,383	6,147	236	1,489	183	3,282	121	18	255	34	474	54	3	2	48	110	310	
Females.....	7,246	7,030	216	1,889	238	3,656	121	17	177	23	675	50	1	5	54	58	282	
1. Rheumatism..... { M.....	95	93	2	27	3	47	2		3		5	1			2		5	
{ F.....	117	113	4	37	2	56	2			3	10	1				1	5	
2. Scrofula and tabes..... { M.....	111	108	3	41	3	37			4	3	9	1			1	4	8	
{ F.....	80	77	3	37	2	17	1		1	1	10	2			3	1	5	
3. Leprosy..... { M.....																		
{ F.....																		
4. Consumption..... { M.....	4,797	4,590	207	918	140	2,724	90	13	177	20	331	38	1	2	31	82	230	
{ F.....	4,920	4,747	173	959	154	2,825	78	8	115	11	495	38		5	30	38	164	
5. Hydrocephalus..... { M.....	645	629	16	250	20	193	12	1	17	7	101	11	1		8	14	10	
{ F.....	526	512	14	234	16	158	3	2	7	4	72	2	1		13	10	4	
6. Cancer..... { M.....	467	462	5	146	13	187	11	2	41		18	2	1		6	3	37	
{ F.....	1,211	1,195	16	466	56	449	29	7	36	3	66	5			6	6	82	
7. Tumor..... { M.....	53	52	1	15	1	19	1		5	2	4	1				1	4	
{ F.....	118	117	1	42	1	47	3		6		5	2				1	11	
8. Anæmia..... { M.....	42	42		15		21	2		2		1						1	
{ F.....	87	85	2	34	1	38			4		7				1		2	
9. Dropsy..... { M.....	57	57		24	1	16	1	1	1	1	2					2	8	
{ F.....	81	80	1	30	4	34	1		4		4						4	
10. Diabetes..... { M.....	86	86		43	1	29	2	1	5	1						1	3	
{ F.....	75	74	1	38	1	22	4		1	1	4				1		3	
11. Others of this group..... { M.....	28	26	2	9	1	9					3					3	3	
{ F.....	31	30	1	12	1	10			3		2					1	2	
12. Others of this class..... { M.....	2	2		1													1	
{ F.....																		
II.—Diseases of the nervous system.....	6,127	6,003	124	2,417	231	2,067	86	11	219	51	490	35	2	2	81	61	374	
Males.....	3,134	3,068	66	1,282	129	985	48	8	122	26	224	20	1		47	38	204	
Females.....	2,993	2,935	58	1,135	102	1,082	38	3	97	25	266	15	1	2	34	23	170	
1. Inflammation of the brain { M.....	890	874	16	343	37	295	15	3	29	9	101	5			23	9	21	
{ F.....	697	688	9	255	23	231	11	1	22	13	103	6		1	18	7	6	
2. Apoplexy..... { M.....	763	755	8	307	33	249	14	1	39	4	20	3			2	13	78	
{ F.....	856	843	13	297	24	390	12		31	1	28	1			4	1	67	
3. Paralysis..... { M.....	387	379	8	177	23	118	7	1	14		7	2			4	2	52	
{ F.....	417	409	8	170	9	152	6	1	17	1	13					4	44	
4. Tetanus and trismus nas- centium..... { M.....	32	32		9	1	15	1		2		1				1	2		
{ F.....	19	19		8		6					4	1						
5. Epilepsy..... { M.....	59	59		24	1	20	1		4		3				1		5	
{ F.....	50	49	1	21	4	16			1		4					1	3	
6. Convulsions..... { M.....	504	485	19	201	15	141	5	1	17	11	67	6			12	3	25	
{ F.....	475	459	16	189	18	126	3		14	5	80	3	1		9	7	20	
7. Mental diseases..... { M.....	42	40	2	17		16					2		1				6	
{ F.....	53	52	1	19	1	21			1	2	4						5	
8. Diseases of the brain..... { M.....	344	333	11	150	15	100	4	2	13	2	18	2			4	6	28	
{ F.....	314	305	9	133	18	102	5	1	6	1	20	3			3	3	19	
9. Diseases of the spinal cord { M.....	88	88		42	2	27	1		2		4	2				2	6	
{ F.....	68	68		25	4	23	1		1	2	8			1			3	
10. Others of this class..... { M.....	25	23	2	12	2	4			2		1					1	3	
{ F.....	44	43	1	18	1	15			4		2	1					3	
III.—Diseases of the circulatory system.....	4,030	3,911	119	1,356	139	1,708	59	9	143	15	193	16		1	34	48	309	
Males.....	1,981	1,910	71	752	65	720	27	6	75	9	84	11		1	21	33	177	
Females.....	2,049	2,001	48	604	74	988	32	3	68	6	109	5			13	15	132	
1. Angina pectoris..... { M.....	38	38		23	1	5			1		1						7	
{ F.....	36	36		17	1	13					3						1	
{ M.....	59	55	4	28	3	19	1	1	3		1						3	
{ F.....	18	18		8	4	4					1						1	



TABLE 97.—DEATHS IN BOSTON DURING THE 6 YEARS ENDING MAY 31, 1890, FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES, WITH DISTINCTION OF COLOR AND BIRTHPLACES OF MOTHERS—Continued.

CAUSE OF DEATH.	Aggre- gate.	COLOR.		BIRTHPLACES OF MOTHERS.														
		White.	Col- ored.	United States.	Eng- land and Wales	Ire- land.	Scot- land.	France.	Ger- many.	Rus- sia and Po- land.	Can- ada.	Scan- dina- via.	Hun- gary.	Bohe- mia.	Italy.	Other for- eign coun- tries.	Un- known.	
IV.—Diseases of the respiratory system..	10,026	9,704	322	2,986	384	4,347	131	22	264	115	849	92	4	2	219	161	450	
Males .....	5,159	4,986	173	1,499	194	2,207	67	10	154	59	421	55	4	1	133	90	265	
Females .....	4,867	4,718	149	1,487	190	2,140	64	12	110	56	428	37		1	86	71	185	
1. Croup .....	{ M.. 358	{ 352	{ 6	{ 118	{ 22	{ 114	{ 4		{ 8	{ 7	{ 49	{ 8			{ 14	{ 8	{ 6	
F.. 345	{ 344	{ 1	{ 117	{ 23	{ 118	{ 2		{ 1	{ 11	{ 6	{ 46	{ 5			{ 9	{ 7		
2. Laryngitis .....	{ M.. 58	{ 57	{ 1	{ 18	{ 2	{ 25			{ 4		{ 3	{ 1			{ 3		{ 2	
F.. 48	{ 46	{ 2	{ 13	{ 3	{ 16				{ 1	{ 1	{ 8				{ 4	{ 1	{ 1	
3. Bronchitis .....	{ M.. 1,287	{ 1,233	{ 54	{ 364	{ 45	{ 537	{ 13	{ 2	{ 35	{ 29	{ 129	{ 15	{ 2		{ 43	{ 45	{ 28	
F.. 1,436	{ 1,372	{ 64	{ 420	{ 43	{ 656	{ 22		{ 2	{ 26	{ 25	{ 123	{ 10			{ 32	{ 31	{ 46	
4. Pneumonia .....	{ M.. 2,940	{ 2,842	{ 98	{ 821	{ 101	{ 1,344	{ 42	{ 8	{ 94	{ 20	{ 195	{ 27	{ 2		{ 69	{ 30	{ 186	
F.. 2,626	{ 2,556	{ 70	{ 793	{ 107	{ 1,177	{ 33		{ 8	{ 59	{ 21	{ 217	{ 21		{ 1	{ 40	{ 29	{ 120	
5. Pleurisy .....	{ M.. 121	{ 116	{ 5	{ 28	{ 4	{ 59			{ 6	{ 1	{ 7	{ 1				{ 1	{ 14	
F.. 89	{ 87	{ 2	{ 27	{ 4	{ 40	{ 3		{ 1	{ 3		{ 6					{ 1	{ 4	
6. Asthma .....	{ M.. 18	{ 18		{ 5	{ 3	{ 6	{ 1		{ 1		{ 1						{ 1	
F.. 29	{ 28	{ 1	{ 7	{ 2	{ 16						{ 3	{ 1						
7. Others of this class .....	{ M.. 377	{ 368	{ 9	{ 145	{ 17	{ 122	{ 7		{ 6	{ 2	{ 37	{ 3			{ 4	{ 6	{ 28	
F.. 294	{ 285		{ 110	{ 8	{ 117	{ 4			{ 10	{ 3	{ 25				{ 1	{ 2	{ 14	
V.—Diseases of the digestive system .....	2,290	2,248	42	763	111	897	42	7	91	19	156	17	2		28	21	136	
Males .....	1,070	1,050	20	363	60	406	16	6	45	8	67	7			8	16	68	
Females .....	1,220	1,198	22	400	51	491	26	1	46	11	89	10	2		20	5	68	
1. Dentition .....	{ M.. 59	{ 58	{ 1	{ 25	{ 4	{ 19	{ 2		{ 1	{ 2	{ 4					{ 1	{ 1	
F.. 56	{ 55	{ 1	{ 12	{ 2	{ 24				{ 3		{ 12	{ 2			{ 1			
2. Angina .....	{ M.. 21	{ 19	{ 2	{ 7	{ 1	{ 6			{ 2		{ 3						{ 2	
F.. 10	{ 7	{ 3	{ 4		{ 3							{ 1					{ 1	
3. Diseases of the stomach .....	{ M.. 164	{ 160	{ 4	{ 41	{ 8	{ 77	{ 1		{ 5	{ 2	{ 13	{ 2				{ 2	{ 11	
F.. 216	{ 213	{ 3	{ 82	{ 7	{ 97	{ 6			{ 5	{ 1	{ 8				{ 1		{ 9	
4. Obstruction of the bowels .....	{ M.. 78	{ 76	{ 2	{ 31	{ 4	{ 19		{ 2	{ 4	{ 1	{ 6	{ 1			{ 1	{ 1	{ 8	
F.. 68	{ 68		{ 20	{ 1	{ 32	{ 2			{ 4	{ 1	{ 4	{ 1					{ 3	
5. Hernia .....	{ M.. 40	{ 38	{ 2	{ 11	{ 4	{ 17			{ 2		{ 2						{ 4	
F.. 43	{ 42	{ 1	{ 12	{ 1	{ 19				{ 2		{ 3					{ 2	{ 4	
6. Other diseases of the bowels .....	{ M.. 22	{ 22		{ 4		{ 10			{ 3		{ 2	{ 1					{ 2	
F.. 24	{ 24		{ 10	{ 2		{ 7			{ 1	{ 1	{ 1	{ 1					{ 1	
7. Jaundice .....	{ M.. 33	{ 33		{ 11	{ 2	{ 9	{ 1		{ 2		{ 6						{ 2	
F.. 34	{ 34		{ 11	{ 1	{ 11	{ 1			{ 2	{ 1	{ 4						{ 3	
8. Inflammation and abscess of the liver .....	{ M.. 56	{ 55	{ 1	{ 17	{ 5	{ 26		{ 1	{ 1		{ 1						{ 4	
F.. 58	{ 58		{ 15	{ 2	{ 24				{ 2		{ 5						{ 8	
9. Other diseases of the liver .....	{ M.. 208	{ 207	{ 1	{ 60	{ 14	{ 95	{ 2		{ 9		{ 4						{ 19	
F.. 200	{ 199	{ 1	{ 50	{ 7	{ 111	{ 3		{ 1	{ 6		{ 4	{ 1			{ 3	{ 2	{ 13	
10. Peritonitis .....	{ M.. 231	{ 226	{ 5	{ 86	{ 13	{ 83	{ 6		{ 9	{ 2	{ 16	{ 2					{ 8	
F.. 380	{ 369	{ 11	{ 133	{ 19	{ 126	{ 10			{ 16	{ 5	{ 38	{ 2	{ 1		{ 10		{ 20	
11. Ascites .....	{ M.. 11	{ 11		{ 2		{ 5	{ 1				{ 1						{ 2	
F.. 18	{ 16	{ 2	{ 6		{ 5	{ 2			{ 1	{ 1	{ 1						{ 1	
12. Others of this class .....	{ M.. 147	{ 145	{ 2	{ 68	{ 5	{ 40	{ 3		{ 7	{ 1	{ 9	{ 1			{ 3	{ 4	{ 5	
F.. 113	{ 113		{ 45	{ 9	{ 32	{ 2			{ 4	{ 1	{ 9	{ 1	{ 1				{ 5	
VI.—Diseases of the urinary system and male organs of generation.	2,133	2,076	57	696	83	911	31	5	88	5	96	15	1	1	13	24	164	
Males .....	1,245	1,205	40	446	44	471	15	4	62	2	52	9	1		10	16	113	
Females .....	888	871	17	250	39	440	16	1	26	3	44	6		1	3	8	51	
1. Bright's disease .....	{ M.. 492	{ 473	{ 19	{ 187	{ 17	{ 188	{ 6		{ 1	{ 31	{ 17	{ 3	{ 1			{ 2	{ 6	
F.. 460	{ 451	{ 9	{ 129	{ 26	{ 238	{ 6			{ 13	{ 1	{ 21	{ 2					{ 33	
2. Calculus, urinary .....	{ M.. 16	{ 15	{ 1	{ 6		{ 5			{ 1								{ 2	
F.. 1	{ 1																	
3. Diseases of the kidney .....	{ M.. 531	{ 515	{ 16	{ 167	{ 21	{ 214	{ 6		{ 19	{ 2	{ 27						{ 57	
F.. 371	{ 364	{ 7	{ 107	{ 10	{ 176	{ 8			{ 1	{ 12	{ 1						{ 26	
4. Diseases of the bladder .....	{ M.. 108	{ 106	{ 2	{ 48	{ 5	{ 35	{ 1										{ 7	
F.. 27	{ 26	{ 1	{ 8		{ 11												{ 4	
5. Others of this class .....	{ M.. 98	{ 96	{ 2	{ 38	{ 1	{ 29	{ 2		{ 8		{ 3						{ 14	
F.. 29	{ 29		{ 6		{ 14	{ 2			{ 1	{ 1							{ 2	
VII.—Diseases of the female organs of generation.	175	169	6	74	8	42	5	1	4	1	16	2	1		1	1	19	
1. Ovarian tumors .....	59	58	1	22	4	16		1			8		1			1	6	
2. Ovarian diseases .....	11	11		7	1	1	1										1	
3. Uterine tumors .....	48	46	2	27	3	6	2		2	1	2						5	
4. Uterine diseases .....	4	4				3					1						5	
5. Others of this class .....	53	50	3	18		16	2		2		5	2			1		7	
VIII.—Affections connected with pregnancy.	375	367	8	80	13	180	14	1	14	5	46	2			7	2	11	
1. Abortion .....	58	56	2	16	4	22	3				8						3	
2. Childbirth .....	135	135		25	3	69	6	1	9	2	15				2		3	
3. Puerperal septicæmia .....	125	120	5	27	5	55	4		5	3	15	2			5		4	
4. Extra-uterine .....																		

**TABLE 97.—DEATHS IN BOSTON DURING THE 6 YEARS ENDING MAY 31, 1890, FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES, WITH DISTINCTION OF COLOR AND BIRTHPLACES OF MOTHERS—Continued.**

CAUSE OF DEATH.	Aggre- gate.	COLOR.		BIRTHPLACES OF MOTHERS.													
		White.	Col- ored.	United States.	Eng- land and Wales.	Ire- land.	Scot- land.	France.	Ger- many.	Rus- sia and Po- land.	Can- ada.	Scan- dina- via.	Hun- gary.	Bohe- mia.	Italy.	Other for- eign coun- tries.	Un- known.
IX.—Diseases of the bones and joints....	261	191	10	73	4	78	3	1	9	1	23	1	.....	.....	1	.....	7
Males .....	113	106	7	41	3	42	1	1	6	1	15	1	.....	.....	1	.....	1
Females.....	88	85	3	32	1	36	2	.....	3	.....	8	.....	.....	.....	.....	.....	6
1. Diseases of the spine..... { M.....	62	59	3	24	2	24	1	.....	2	.....	7	1	.....	.....	1	.....	.....
{ F.....	49	46	3	20	.....	19	.....	.....	3	.....	4	.....	.....	.....	.....	.....	.....
2. Diseases of the bones..... { M.....	19	18	1	7	.....	9	.....	1	.....	.....	2	.....	.....	.....	.....	.....	1
{ F.....	10	10	.....	5	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Diseases of the hip joint. { M.....	25	23	2	9	1	9	.....	.....	.....	1	4	.....	.....	.....	.....	.....	1
{ F.....	17	17	.....	4	1	7	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	1
4. Others of this class..... { M.....	7	6	1	1	.....	.....	.....	.....	4	.....	2	.....	.....	.....	.....	.....	.....
{ F.....	12	12	.....	3	.....	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
X.—Diseases of the skin.....	134	131	3	36	13	50	3	.....	8	2	10	1	1	.....	2	2	6
Males .....	61	59	2	19	7	19	1	.....	1	2	6	1	.....	.....	1	.....	4
Females.....	73	72	1	17	6	31	2	.....	7	.....	4	.....	1	.....	1	2	2
1. Abscess..... { M.....	47	45	2	15	5	14	1	.....	1	2	5	1	.....	.....	1	.....	2
{ F.....	44	43	1	10	3	19	1	.....	5	.....	2	.....	.....	.....	1	1	2
2. Carbuncle..... { M.....	7	7	.....	2	1	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2
{ F.....	8	8	.....	1	1	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Others of this class..... { M.....	7	7	.....	2	1	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
{ F.....	21	21	.....	6	2	7	1	.....	2	.....	1	.....	1	.....	.....	1	.....
XI.—Diseases of the absorbent system....	17	17	.....	4	1	6	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	1
Males .....	8	8	.....	3	1	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Females.....	9	9	.....	1	.....	4	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....
1. Addison's disease..... { M.....	3	3	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
{ F.....	3	3	.....	.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
2. Diseases of the spleen... { M.....	2	2	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	2	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
3. Others of this class..... { M.....	3	3	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
{ F.....	4	4	.....	1	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
XII.—Accidents and injuries .....	2,688	2,646	42	691	84	1,134	45	7	80	22	190	37	.....	2	24	31	341
Males .....	1,997	1,973	24	478	67	850	38	6	59	13	141	26	.....	1	19	22	.....
Females.....	691	673	18	213	17	284	7	1	21	9	49	11	.....	1	5	9	.....
1. Burns and scalds..... { M.....	87	86	1	21	2	40	4	.....	1	3	4	.....	.....	.....	1	.....	.....
{ F.....	118	117	1	32	4	55	2	1	4	4	5	3	.....	1	.....	.....	.....
2. Drowned..... { M.....	270	268	2	45	8	93	10	2	9	.....	22	3	.....	.....	.....	.....	.....
{ F.....	20	20	.....	4	.....	9	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....
3. Exposure and neglect... { M.....	5	5	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	6	5	1	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Gunshot wounds..... { M.....	12	12	.....	4	.....	5	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
{ F.....	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5. Homicide..... { M.....	39	38	1	3	.....	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	11	11	.....	1	1	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6. Infanticide..... { M.....	6	6	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	6	6	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. Injuries by machinery... { M.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. Railroad accidents..... { M.....	371	370	1	89	8	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	36	35	1	15	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9. Suffocation..... { M.....	119	117	2	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	69	68	1	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10. Suicide by shooting..... { M.....	58	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Suicide by drowning.... { M.....	21	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12. Suicide by poison..... { M.....	52	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13. Other suicides..... { M.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14. Sunstroke.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15. Surgical operations....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16. Wounds.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17. Other accidents and injuries.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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TABLE 98.—DEATHS IN PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES, WITH DISTINCTION OF COLOR AND BIRTHPLACES OF PERSONS.

CAUSE OF DEATH.	Aggregate.	COLOR.		BIRTHPLACES OF PERSONS.														
		White.	Colored.	United States.	England and Wales.	Ireland.	Scotland.	France.	Germany.	Russia and Poland.	Canada.	Scandinavia.	Hungary.	Bohemia.	Italy.	Other foreign countries.	Unknown.	
All causes.....	134,878	127,556	7,322	110,556	2,136	11,916	406	133	5,960	105	93	86	16	2	323	330	2,805	
Males.....	68,963	65,523	3,440	56,193	1,174	5,579	205	80	3,413	65	47	71	12	.....	209	218	1,607	
Females.....	65,915	62,033	3,882	54,363	962	6,337	201	53	2,547	40	46	17	4	2	114	121	1,108	
Unknown causes.....	587	563	24	390	18	63	1	3	37	2	2	.....	.....	.....	2	1	59	
Males.....	329	329	10	226	12	28	1	1	27	2	1	.....	.....	.....	1	1	39	
Females.....	248	234	14	173	6	35	.....	2	10	.....	1	.....	.....	.....	1	.....	20	
I.—General diseases:																		
General diseases—A.....	21,584	20,721	863	19,260	244	981	41	14	666	12	2	16	3	.....	36	39	270	
Males.....	10,673	10,270	394	9,440	138	477	24	9	357	7	1	15	3	.....	24	24	154	
Females.....	10,911	10,442	469	9,820	106	504	17	5	309	5	1	1	.....	.....	12	15	116	
1. Smallpox.....	{ M.. 56 F.. 40	{ 51 40	{ 5 .....	{ 48 36	{ 3 .....	{ 3 3	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 2 1	
2. Measles.....	{ M.. 316 F.. 309	{ 302 298	{ 14 11	{ 309 304	{ 1 1	{ 4 2	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 .....	{ ..... .....	{ 1 2	
3. Scarlet fever.....	{ M.. 742 F.. 791	{ 729 781	{ 13 10	{ 724 762	{ 3 4	{ 7 14	{ 3 1	{ ..... 2	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 7	
4. Diphtheria.....	{ M.. 1,389 F.. 1,567	{ 1,359 1,535	{ 30 32	{ 1,363 1,536	{ 3 3	{ 4 9	{ 1 1	{ ..... 2	{ 7 8	{ 1 .....	{ ..... .....	{ 1 .....	{ ..... .....	{ ..... .....	{ 3 .....	{ 1 1	{ 5 7	
5. Whooping cough.....	{ M.. 286 F.. 381	{ 253 348	{ 33 33	{ 283 379	{ 1 .....	{ ..... 1	{ ..... .....	{ ..... .....	{ 1 1	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 .....	
6. Fever.....	{ M.. 4 F.. 6	{ 4 5	{ ..... 1	{ 1 5	{ ..... .....	{ 1 1	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 2 .....	
7. Cerebro-spinal fever.....	{ M.. 153 F.. 142	{ 149 135	{ 4 7	{ 148 139	{ 1 .....	{ 1 1	{ ..... .....	{ ..... .....	{ 1 .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 .....	{ ..... .....	{ 1 1	
8. Typhoid fever.....	{ M.. 2,148 F.. 1,913	{ 2,078 1,837	{ 70 76	{ 1,588 1,514	{ 68 44	{ 205 171	{ 10 6	{ 4 .....	{ 193 143	{ 2 2	{ 1 1	{ 10 .....	{ 1 .....	{ ..... .....	{ 11 6	{ 12 5	{ 43 21	
9. Diarrheal diseases.....	{ M.. 2,031 F.. 2,086	{ 1,965 2,003	{ 66 83	{ 1,693 1,705	{ 35 30	{ 160 206	{ 3 7	{ 2 3	{ 87 94	{ 2 .....	{ ..... .....	{ 4 .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 3	{ 38 35	
10. Cholera infantum.....	{ M.. 2,476 F.. 2,548	{ 2,363 2,399	{ 113 149	{ 2,462 2,543	{ 3 1	{ 1 1	{ ..... 1	{ ..... .....	{ 4 .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 .....	{ 5 1	
11. Malarial fever.....	{ M.. 222 F.. 200	{ 215 189	{ 7 11	{ 181 168	{ 3 3	{ 11 11	{ 2 1	{ ..... .....	{ 16 10	{ 1 1	{ ..... .....	{ ..... .....	{ 1 .....	{ ..... .....	{ 3 1	{ ..... .....	{ 4 4	
12. Erysipelas.....	{ M.. 213 F.. 213	{ 208 204	{ 5 9	{ 163 173	{ 2 2	{ 23 20	{ 1 .....	{ 1 .....	{ 13 9	{ 1 1	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 2 1	{ ..... .....	{ 7 7	
13. Septicæmia.....	{ M.. 345 F.. 441	{ 334 423	{ 11 18	{ 258 331	{ 9 15	{ 35 41	{ 3 .....	{ 2 .....	{ 20 31	{ ..... 1	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 2 .....	{ ..... .....	{ 16 19	
14. Venereal diseases.....	{ M.. 147 F.. 129	{ 130 112	{ 17 17	{ 127 123	{ 1 .....	{ 3 .....	{ ..... .....	{ ..... .....	{ 2 2	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 2 .....	{ 12 4	
15. Others of this group.....	{ M.. 145 F.. 145	{ 139 133	{ 6 12	{ 92 102	{ 5 3	{ 19 23	{ 1 .....	{ ..... .....	{ 13 9	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 .....	{ ..... .....	{ ..... .....	{ 1 1	{ 13 7	
General diseases—B.....	4,128	3,860	259	3,770	23	178	3	.....	77	.....	2	2	1	.....	1	7	64	
Males.....	2,222	2,086	136	1,975	20	108	1	.....	65	.....	1	1	1	.....	1	7	42	
Females.....	1,906	1,783	123	1,795	3	70	2	.....	12	.....	1	1	.....	.....	.....	.....	22	
1. Parasitic diseases.....	{ M.. 1 F.. 2	{ 1 2	{ ..... .....	{ 1 2	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	
2. Alcoholism.....	{ M.. 427 F.. 139	{ 408 134	{ 10 5	{ 244 79	{ 13 1	{ 90 39	{ ..... 2	{ ..... .....	{ 43 3	{ ..... .....	{ 1 .....	{ 1 1	{ ..... .....	{ ..... .....	{ ..... .....	{ 3 .....	{ 22 14	
3. Lead poison.....	{ M.. 4 F.. .....	{ 4 .....	{ ..... .....	{ 1 .....	{ 1 .....	{ 2 .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	
4. Other poisons.....	{ M.. 95 F.. 47	{ 90 45	{ 5 2	{ 63 38	{ 3 .....	{ 7 6	{ ..... .....	{ ..... .....	{ 14 .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 1 .....	{ ..... .....	{ ..... .....	{ 4 .....	{ 2 3	
5. Inanition.....	{ M.. 1,695 F.. 1,718	{ 1,583 1,602	{ 112 116	{ 1,666 1,676	{ 3 24	{ 9 25	{ 1 .....	{ ..... .....	{ 8 9	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ ..... .....	{ 8 5	
General diseases—C.....	22,031	20,830	1,201	19,394	189	1,572	39	17	524	9	5	1	.....	.....	14	20	247	
Males.....	10,900	10,275	525	9,863	70	555	19	11	298	5	2	1	.....	.....	6	9	114	

TABLE 98.—DEATHS IN PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES, WITH DISTINCTION OF COLOR AND BIRTHPLACES OF PERSONS—Continued.

CAUSE OF DEATH.	Aggre- gate.	COLOR.		BIRTHPLACES OF PERSONS.														Un- known.
		White.	Col- ored.	United States.	Eng- land and Wales.	Ire- land.	Scot- land.	France.	Ger- many.	Rus- sia and Po- land.	Can- ada.	Scand- ina- via.	Hun- gary.	Bohe- mia.	Italy.	Other for- eign coun- tries.		
I.—General diseases—Continued.																		
General diseases—D.....	23,781	22,164	1,617	17,793	483	2,964	98	29	1,436	27	28	28	3	2	71	92	727	
Males.....	11,571	10,802	769	8,489	241	1,333	47	13	849	20	11	19	2	2	50	63	434	
Females.....	12,210	11,362	848	9,304	242	1,631	51	16	587	7	17	9	1	1	21	29	293	
1. Rheumatism.....	{ M. 112 F. 146	{ 109 132	{ 3 14	{ 73 114	{ 5 2	{ 14 20	{ 1 1		{ 13 7			{ 1 1			{ 1 1		{ 3 2	
2. Scrofula and tabes.....	{ M. 238 F. 214	{ 215 191	{ 23 23	{ 217 195	{ 2 2	{ 4 9			{ 10 5			{ 1 1			{ 1 1		{ 3 1	
3. Leprosy.....	{ M. F.																	
4. Consumption.....	{ M. 8,968 F. 8,474	{ 8,324 7,812	{ 644 662	{ 6,601 6,554	{ 176 132	{ 1,064 1,139	{ 42 32	{ 10 11	{ 600 525	{ 18 5	{ 8 12	{ 13 5	{ 1 1	{ 2 2	{ 42 14	{ 55 18	{ 338 224	
5. Hydrocephalus.....	{ M. 574 F. 507	{ 534 480	{ 40 27	{ 545 487	{ 2 9	{ 11 1			{ 4 4							{ 2 6	{ 10 6	
6. Cancer.....	{ M. 843 F. 2,002	{ 825 1,933	{ 18 69	{ 447 1,320	{ 28 79	{ 167 346	{ 2 11	{ 1 3	{ 142 184	{ 1 2	{ 3 4	{ 2 4	{ 1 1		{ 5 5	{ 3 5	{ 41 39	
7. Tumor.....	{ M. 179 F. 181	{ 172 171	{ 7 10	{ 125 127	{ 4 5	{ 24 26	{ 1 1		{ 13 14	{ 1 1		{ 1 1				{ 1 1	{ 10 7	
8. Anæmia.....	{ M. 73 F. 97	{ 72 96	{ 1 1	{ 51 79	{ 3 1	{ 12 8	{ 2 2	{ 1 1	{ 5 3								{ 2 3	
9. Dropsy.....	{ M. 321 F. 412	{ 293 381	{ 28 31	{ 231 298	{ 9 17	{ 20 51	{ 1 2		{ 42 31		{ 1 1				{ 2 1	{ 1 4	{ 15 6	
10. Diabetes.....	{ M. 185 F. 112	{ 182 106	{ 3 6	{ 128 78	{ 10 3	{ 16 14	{ 2 1	{ 2 1	{ 17 12			{ 1 1					{ 11 4	
11. Others of this group.....	{ M. 73 F. 65	{ 72 60	{ 1 5	{ 67 52	{ 2 1	{ 9 9			{ 3 2								{ 1 1	
12. Others of this class.....	{ M. 5 F.	{ 4 1		{ 4 1		{ 1 1												
II.—Diseases of the nervous system.....	18,699	17,755	914	15,993	274	1,278	53	18	660	9	7	6	1		20	39	311	
Males.....	9,671	9,222	449	8,291	150	587	28	12	374	5	2	5			15	27	175	
Females.....	8,998	8,533	465	7,702	124	691	25	6	286	4	5	1	1		5	12	136	
1. Inflammation of the brain.....	{ M. 1,805 F. 1,614	{ 1,823 1,556	{ 72 58	{ 1,771 1,509	{ 7 10	{ 52 53	{ 1 2	{ 1 1	{ 36 22	{ 2 1	{ 1 1				{ 4 2	{ 3 2	{ 17 15	
2. Apoplexy.....	{ M. 1,593 F. 1,590	{ 1,553 1,525	{ 40 65	{ 1,076 1,089	{ 66 55	{ 203 263	{ 12 9	{ 8 3	{ 158 122	{ 1 2	{ 1 1		{ 1 1		{ 4 1	{ 8 4	{ 56 41	
3. Paralysis.....	{ M. 1,048 F. 1,210	{ 1,010 1,138	{ 38 72	{ 711 854	{ 40 32	{ 160 207	{ 12 6	{ 2 1	{ 80 66		{ 2 2	{ 1 1			{ 3 1	{ 7 2	{ 32 37	
4. Tetanus and trismus nas- centium.....	{ M. 153 F. 80	{ 144 74	{ 9 6	{ 135 75	{ 2 4	{ 6 4			{ 7 1	{ 1 1						{ 1 1	{ 1 1	
5. Epilepsy.....	{ M. 89 F. 81	{ 84 78	{ 5 3	{ 76 67	{ 1 1	{ 4 8		{ 1 1	{ 5 2						{ 1 1		{ 3 2	
6. Convulsions.....	{ M. 2,832 F. 2,738	{ 2,655 2,562	{ 177 176	{ 2,802 2,708	{ 4 1	{ 9 9	{ 3 3		{ 6 4	{ 1 1		{ 2 1			{ 1 1	{ 1 1	{ 7 10	
7. Mental diseases.....	{ M. 118 F. 78	{ 113 72	{ 5 1	{ 73 49	{ 2 3	{ 15 7	{ 1 1		{ 13 7			{ 1 1			{ 1 1		{ 13 6	
8. Diseases of the brain.....	{ M. 1,738 F. 1,408	{ 1,639 1,331	{ 99 77	{ 1,494 1,205	{ 23 18	{ 116 110	{ 3 3	{ 1 1	{ 54 50			{ 1 1			{ 2 1	{ 7 1	{ 37 18	
9. Diseases of the spinal cord.....	{ M. 155 F. 125	{ 151 120	{ 4 5	{ 118 94	{ 5 1	{ 13 17			{ 13 6		{ 1 1					{ 1 1	{ 5 6	
10. Others of this class.....	{ M. 50 F. 79	{ 50 77	{ 2 2	{ 35 52	{ 4 4	{ 9 13	{ 1 1		{ 2 6							{ 2 2	{ 4 1	
III.—Diseases of the circulatory system.....	9,164	8,592	572	6,702	224	1,178	35	17	673	6	13	3			24	32	257	
Males.....	4,678	4,395	283	3,396	135	559	16	12	362	3	10	3			15	22	155	
Females.....	4,486	4,197	289	3,316	89	619	19	5	311	3	3				9	10	102	
1. Angina pectoris.....	{ M. 120 F. 91	{ 117 86	{ 3 5	{ 91 62	{ 6 3	{ 7 13	{ 1 1		{ 12 11							{ 1 1	{ 2 1	
2. Aneurism.....	{ M. 118 F. 48	{ 99 88	{ 19 10	{ 77 30	{ 3 12	{ 21 12			{ 6 1		{ 1 1	{ 1 1			{ 1 1		{ 8 4	
3. Diseases of the heart.....	{ M. 3,903 F. 3,929	{ 3,650 3,664	{ 253 265	{ 2,690 2,812	{ 126 86	{ 527 592	{ 15 18	{ 12 5	{ 341 297	{ 8 3	{ 8 8	{ 2 2			{ 14 8	{ 20 10	{ 145 85	
4. Others of this class.....	{ M. 537 F. 418	{ 529 409	{ 8 9	{ 528 412		{ 4 2			{ 3 2		{ 1 1						{ 1 1	



TABLE 98.—DEATHS IN PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES, WITH DISTINCTION OF COLOR AND BIRTHPLACES OF PERSONS—Continued.

CAUSE OF DEATH.	Aggre- gate.	COLOR.		BIRTHPLACES OF PERSONS.														Un- known.
		White.	Col- ored.	United States.	Eng- land and Wales.	Ire- land.	Scot- land.	France.	Ger- many.	Rus- sia and Po- land.	Can- ada.	Scan- dina- via.	Hun- gary.	Bohe- mia.	Italy.	Other for- eign coun- tries.		
IV.—Diseases of the respiratory system..	18,165	17,030	1,135	15,256	274	1,512	43	13	635	11	15	8	2	.....	61	38	297	
Males.....	9,345	8,801	544	7,801	151	737	23	7	362	6	8	6	2	.....	36	24	182	
Females.....	8,820	8,229	591	7,455	123	775	20	6	273	5	7	2	.....	25	14	115		
1. Croup..... { M..	1,434	1,413	21	1,419	4	2	.....	.....	3	.....	.....	.....	.....	.....	3	.....	3	
{ F..	1,366	1,343	23	1,349	3	2	1	.....	6	1	.....	.....	.....	.....	.....	.....	4	
2. Laryngitis..... { M..	93	90	3	84	2	4	.....	.....	1	.....	1	.....	.....	.....	.....	.....	1	
{ F..	100	98	2	94	1	1	.....	.....	1	.....	1	.....	.....	.....	1	.....	1	
3. Bronchitis..... { M..	1,369	1,258	111	1,197	18	84	3	1	48	.....	.....	.....	.....	.....	1	3	14	
{ F..	1,451	1,327	124	1,239	17	144	3	1	32	.....	2	.....	.....	.....	2	4	7	
4. Pneumonia..... { M..	4,970	4,645	325	3,955	91	493	18	6	228	6	6	5	2	.....	28	18	114	
{ F..	4,643	4,280	363	3,765	80	498	14	3	175	3	3	2	.....	.....	18	9	73	
5. Pleurisy..... { M..	179	171	8	120	4	29	1	.....	10	.....	.....	.....	.....	.....	3	.....	12	
{ F..	123	114	9	88	4	16	1	1	7	.....	.....	.....	.....	.....	1	.....	5	
6. Asthma..... { M..	128	126	12	74	8	38	.....	.....	14	.....	.....	.....	.....	.....	.....	.....	4	
{ F..	133	127	6	64	8	36	.....	.....	18	.....	1	.....	.....	.....	.....	.....	6	
7. Others of this class..... { M..	1,162	1,098	64	952	24	87	1	.....	58	.....	1	1	.....	.....	1	3	34	
{ F..	1,004	940	64	856	10	78	1	1	84	1	.....	.....	.....	.....	3	1	19	
V.—Diseases of the digestive system....	5,880	5,657	223	4,284	157	774	28	11	463	3	7	3	1	.....	18	23	108	
Males.....	2,872	2,790	82	2,095	74	346	12	9	248	1	3	1	1	.....	10	12	60	
Females.....	3,008	2,867	141	2,189	83	428	16	2	215	2	4	2	.....	.....	8	11	48	
1. Dentition..... { M..	148	139	9	146	2	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	
{ F..	117	111	6	116	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	
2. Angina..... { M..	57	55	2	53	.....	1	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	
{ F..	54	51	3	51	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	
3. Diseases of the stomach..... { M..	676	648	28	513	14	85	3	1	47	1	.....	.....	.....	.....	1	2	9	
{ F..	728	695	33	530	16	107	5	.....	54	.....	1	1	.....	.....	.....	2	12	
4. Obstruction of the bowels..... { M..	184	175	9	142	4	22	.....	2	11	.....	.....	.....	1	.....	1	.....	1	
{ F..	195	186	9	134	8	21	2	1	27	.....	1	.....	.....	.....	.....	.....	1	
5. Hernia..... { M..	72	68	4	42	.....	12	.....	.....	16	.....	.....	1	.....	.....	.....	.....	1	
{ F..	104	100	4	60	6	23	1	.....	12	.....	.....	.....	.....	.....	1	.....	1	
6. Other diseases of the bowels..... { M..	124	122	2	92	2	14	.....	1	9	.....	.....	.....	.....	.....	2	1	3	
{ F..	78	74	4	59	1	13	2	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	
7. Jaundice..... { M..	116	115	1	95	3	5	.....	.....	10	.....	.....	.....	.....	.....	.....	1	2	
{ F..	97	96	1	85	1	9	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	
8. Inflammation and abscess of the liver..... { M..	191	189	2	118	11	34	.....	2	14	.....	1	.....	.....	.....	1	.....	10	
{ F..	131	131	.....	86	9	20	.....	.....	13	.....	.....	.....	.....	.....	.....	.....	3	
9. Other diseases of the liver..... { M..	638	631	7	374	24	112	7	1	98	.....	2	.....	.....	.....	.....	5	15	
{ F..	442	430	12	255	14	116	2	.....	38	1	.....	1	.....	.....	1	4	10	
10. Peritonitis..... { M..	468	452	16	353	14	46	2	1	31	.....	.....	.....	.....	.....	5	2	14	
{ F..	841	785	56	631	23	96	3	1	56	1	2	.....	.....	.....	5	5	18	
11. Ascites..... { M..	50	50	.....	35	7	.....	.....	1	5	.....	.....	.....	.....	.....	.....	.....	2	
{ F..	68	64	4	49	3	11	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	2	
12. Others of this class..... { M..	148	146	2	132	.....	8	.....	.....	4	.....	.....	.....	.....	.....	.....	1	3	
{ F..	153	144	9	133	1	10	1	.....	6	.....	.....	.....	.....	.....	1	.....	1	
VI.—Diseases of the urinary system and male organs of generation.	4,386	4,128	258	3,104	99	616	25	8	303	9	1	7	.....	.....	20	15	179	
Males.....	2,546	2,414	132	1,774	63	345	13	4	198	4	1	6	.....	.....	10	9	119	
Females.....	1,840	1,714	126	1,330	36	271	12	.....	105	5	.....	1	.....	.....	10	6	60	
1. Bright's disease..... { M..	1,280	1,220	60	904	38	173	8	1	96	1	1	5	.....	.....	2	2	49	
{ F..	985	914	71	722	17	136	5	2	59	2	.....	.....	.....	.....	7	2	33	
2. Calculus, urinary..... { M..	11	11	.....	6	.....	2	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	
{ F..	4	4	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
3. Diseases of the kidney..... { M..	723	681	42	522	15	86	4	2	47	1	.....	.....	.....	.....	5	5	36	
{ F..	558	517	41	405	11	85	3	2	27	1	.....	1	.....	.....	3	2	18	
4. Diseases of the bladder..... { M..	176	172	4	169	4	31	.....	.....	21	1	.....	.....	.....	.....	.....	.....	10	
{ F..	39	39	.....	20	3	10	1	.....	3	.....	.....	.....	.....	.....	.....	.....	2	
5. Others of this class..... { M..	356	330	26	233	6	53	.....	1	32	1	.....	.....	.....	.....	3	3	24	
{ F..	254	240	14	181	5	38	3	.....	16	2	.....	1	.....	.....	.....	2	7	
VII.—Diseases of the female organs of generation.	254	240	14	197	7	24	.....	.....	19	1	1	.....	.....	.....	1	1	3	
In tumors.....	80	79	1	60	1	7	.....	.....	10	.....	.....	.....	.....	.....	.....	.....	2	
In diseases.....	8	8	.....	7	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
In tumors.....	36	33	3	26	3	5	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	
In diseases.....	47	44	3	36	2	4	.....	.....	3	1	.....	.....	.....	.....	1	.....	1	
Of this class.....	83	76	7	68	1	7	.....	.....	4	.....	1	.....	.....	.....	1	1	.....	
As connected with pregnancy.	589	561	28	416	13	79	5	1	52	1	.....	.....	.....	.....	10	3	9	
In birth.....	31	29	2	26	.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	
In birth.....	103	96	7	70	3	14	2	.....	10	.....	.....	.....	.....	.....	2	1	.....	

TABLE 98.—DEATHS IN PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, FROM EACH SPECIFIED DISEASE AND CLASS OF DISEASES, WITH DISTINCTION OF COLOR AND BIRTHPLACES OF PERSONS—Continued.

CAUSE OF DEATH.	Aggre- gate.	COLOR.		BIRTHPLACES OF PERSONS.													
		White.	Col- ored.	United States.	Eng- land and Wales.	Ire- land.	Scot- land.	France.	Ger- many.	Rus- sia and Po- land.	Can- ada.	Scan- dina- via.	Hun- gary.	Bohe- mia.	Italy.	Other for- eign coun- tries.	Un- known.
IX.—Diseases of the bones and joints.....	159	147	12	129	2	11	1	.....	11	.....	1	.....	.....	.....	.....	.....	4
Males.....	90	82	8	78	1	2	.....	.....	5	.....	1	.....	.....	.....	.....	.....	3
Females.....	69	65	4	51	1	9	1	.....	6	.....	.....	.....	.....	.....	.....	.....	1
1. Diseases of the spine..... { M.....	56	52	4	48	1	2	.....	.....	2	.....	1	.....	.....	.....	.....	.....	2
{ F.....	40	38	2	30	1	5	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	1
2. Diseases of the bones..... { M.....	11	9	2	8	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1
{ F.....	6	6	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Diseases of the hip joint..... { M.....	18	17	1	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	17	15	2	13	.....	1	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
4. Others of this class..... { M.....	5	4	1	4	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	6	6	.....	2	.....	3	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
X.—Diseases of the skin.....	264	253	11	211	5	21	1	.....	12	2	2	1	.....	.....	1	1	7
Males.....	159	151	8	132	2	8	1	.....	7	2	.....	1	.....	.....	1	.....	5
Females.....	105	102	3	79	3	13	.....	.....	5	.....	2	.....	.....	.....	.....	1	2
1. Abscess..... { M.....	110	102	8	96	.....	4	1	.....	4	.....	.....	.....	.....	.....	1	.....	4
{ F.....	71	68	3	57	1	7	.....	.....	4	.....	1	.....	.....	.....	.....	.....	1
2. Carbuncle..... { M.....	28	28	.....	20	.....	3	.....	.....	2	2	.....	.....	.....	.....	.....	.....	1
{ F.....	12	12	.....	5	2	3	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....
3. Others of this class..... { M.....	21	21	.....	16	2	1	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....
{ F.....	22	22	.....	17	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
XI.—Diseases of the absorbent system.....	37	35	2	26	4	3	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2
Males.....	22	21	1	15	3	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2
Females.....	15	14	1	11	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1. Addison's disease..... { M.....	5	5	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
{ F.....	7	7	.....	4	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Diseases of the spleen..... { M.....	6	6	.....	3	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Others of this class..... { M.....	11	10	1	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	8	7	1	7	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
XII.—Accidents and injuries.....	5,200	5,011	189	3,622	120	662	33	2	390	13	7	13	5	.....	44	28	261
Males.....	3,875	3,776	99	2,623	105	494	27	2	319	10	6	13	3	.....	40	20	213
Females.....	1,325	1,235	90	999	15	168	6	.....	71	3	1	.....	2	.....	4	8	48
1. Burns and scalds..... { M.....	219	212	7	165	7	20	2	.....	14	1	.....	.....	.....	.....	.....	.....	10
{ F.....	246	232	14	187	.....	32	.....	.....	17	.....	.....	.....	.....	.....	.....	.....	10
2. Drowned..... { M.....	585	568	17	393	17	56	6	1	35	3	.....	5	.....	.....	2	5	62
{ F.....	66	63	3	56	.....	4	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	5
3. Exposure and neglect..... { M.....	14	13	1	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
{ F.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Gunshot wounds..... { M.....	50	45	5	38	.....	4	.....	.....	1	.....	.....	.....	.....	.....	2	2	3
{ F.....	10	9	1	5	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	1
5. Homicide..... { M.....	64	57	7	34	4	10	.....	.....	2	.....	.....	.....	.....	.....	9	.....	5
{ F.....	24	21	3	16	1	2	.....	.....	2	1	.....	.....	.....	.....	.....	.....	2
6. Infanticide..... { M.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7. Injuries by machinery..... { M.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
{ F.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8. Railroad accidents..... { M.....	465	461	4	333	13	55	4	.....	19	1	.....	2	.....	.....	5	1	32
{ F.....	47	45	2	36	.....	8	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2
9. Suffocation..... { M.....	258	241	17	223	1	11	1	.....	7	.....	.....	.....	.....	.....	1	.....	14
{ F.....	184	158	26	177	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	4
10. Suicide by shooting..... { M.....	108	108	.....	62	6	1	.....	.....	24	1	1	.....	.....	.....	.....	3	10
{ F.....	7	6	1	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Suicide by drowning..... { M.....	16	16	.....	9	1	2	.....	.....	3	1	.....	.....	.....	.....	.....	.....	.....
{ F.....	4	4	.....	1	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
12. Suicide by poison..... { M.....	71	71	.....	39	2	9	.....	.....	14	.....	.....	.....	.....	.....	1	1	5
{ F.....	37	36	1	24	1	7	1	.....	1	.....	.....	.....	.....	.....	.....	1	2
13. Other suicides..... { M.....	234	232	2	124	8	14	1	.....	64	1	1	1	.....	.....	2	3	15
{ F.....	57	55	2	34	1	5	1	.....	9	1	.....	.....	.....	.....	.....	1	5
14. Sunstroke..... { M.....	233	231	2	109	5	74	7	.....	32	.....	.....	1	2	.....	.....	.....	.....

TABLE 100.—DEATHS IN PHILADELPHIA BY MONTHS DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN

CAUSE OF DEATH AND AGE.		MONTH AND SEX.									
		January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1	Grand total.....	6,309	6,206	5,369	5,317	6,260	6,054	6,038	5,700	5,629	5,214
2	Under 5.....	2,222	1,979	2,008	1,826	2,426	2,080	2,421	2,063	2,278	2,005
3	60 and over.....	1,261	1,518	996	1,240	1,157	1,417	1,090	1,263	968	1,011
4	Unknown.....	98	73	69	59	73	98	63	69	51	63
5	Unknown causes:										
6	All ages.....	37	34	22	18	28	28	35	18	29	17
7	Under 5.....	3	3	4	5	4	1	9	2	9	3
8	60 and over.....	11	17	7	7	6	11	9	6	4	5
	Unknown.....	8	1	3	1	7	7	3	3	1	1
I.—General diseases.											
9	General diseases—A:										
10	All ages.....	684	714	571	640	688	708	695	678	742	729
11	Under 5.....	287	309	255	282	303	292	364	313	397	372
12	60 and over.....	54	54	46	53	57	69	54	60	55	42
	Unknown.....	3	4	7	8	7	6	8	4	7	6
13	1. Measles.....	17	28	22	30	34	37	82	67	66	40
14	Under 5.....	16	27	21	23	33	35	75	57	65	39
15	60 and over.....										
16	Unknown.....			1		1					
17	2. Scarlet fever.....	78	91	64	71	80	72	74	65	63	65
18	Under 5.....	51	54	42	42	53	38	55	41	45	45
19	60 and over.....										
20	Unknown.....					1		1			
21	3. Diphtheria.....	132	187	85	134	114	123	102	116	108	106
22	Under 5.....	90	120	65	93	79	82	78	67	78	64
23	60 and over.....		1			1					1
24	Unknown.....		1	1				1		1	1
25	4. Whooping cough.....	21	22	27	28	25	37	19	24	35	37
26	Under 5.....	21	22	25	24	23	36	19	23	33	36
27	60 and over.....						1				
28	Unknown.....			1					1		1
29	5. Cerebro-spinal fever.....	12	11	12	14	16	17	15	19	15	16
30	Under 5.....	5	4	3	5	5	7	4	10	4	9
31	60 and over.....			1				1	1	1	
32	Unknown.....			1			1				
33	6. Typhoid fever.....	191	168	155	153	167	167	142	123	150	131
34	Under 5.....	8	5	4	7	9	2	4	5	7	6
35	60 and over.....	5	8	5	7	4	16	6	4	13	5
36	Unknown.....	1	2	1	4	1		2		2	1
37	7. Diarrheal diseases.....	109	103	112	103	140	141	150	146	195	192
38	Under 5.....	64	48	62	53	72	62	100	81	137	135
39	60 and over.....	22	16	16	25	19	31	22	32	15	15
40	Unknown.....	1	1	1	2	3	4	4	1	3	3
41	8. Malarial fever.....	18	12	9	10	17	18	15	15	16	18
42	Under 5.....	3	2	2		3	3	1	3		
43	60 and over.....	2	2	3	3	3	2	3	4	4	5
44	Unknown.....							1			
General diseases—B:											
45	All ages.....	183	127	171	126	177	128	171	140	164	158
46	Under 5.....	136	101	115	104	124	98	121	114	124	180
47	60 and over.....	6	6	6	4	7	11	8	8	5	6
48	Unknown.....	5	1		1		3		1	2	2
49	1. Inanition.....	146	113	124	114	134	116	128	123	126	139
	Under 5.....	135	99	115	103	124	98	121	112	121	130
	60 and over.....	4	6	1	4	4	8	5	6	2	6
	Unknown.....	4			1		3		1	1	
General diseases—C:											
	All ages.....	851	964	768	810	947	978	838	893	857	804
	Under 5.....	603	521	579	435	719	556	616	521	667	526
	60 and over.....	211	392	164	335	202	378	190	326	153	245
	Unknown.....	7	6	3	2	1	6	4	1	4	3
	1. Debility and atrophy.....	296	417	244	349	378	446	371	409	348	386
	Under 5.....	154	170	147	136	228	213	234	188	223	213
	60 and over.....	105	196	74	173	124	192	106	175	89	141
	Unknown.....	7	6	1	2	1	3	3	1	3	2
	Old age.....	106	196	92	162	78	188	85	151	65	105
	Over 60.....	106	196	90	162	78	186	84	151	64	104
	Unknown.....			2			2	1		1	1
General diseases—D:											
	All ages.....	1,101	1,158	987	988	1,138	1,137	1,101	1,108	1,002	1,067
	Under 5.....	72	62	65	66	100	76	93	84	78	69
	60 and over.....	136	171	124	163	140	167	150	165	148	159
	Unknown.....	25	21	22	20	19	25	11	23	10	18
	1. Debility and atrophy.....	875	842	790	692	899	800	848	784	770	726
	Under 5.....	21	16	15	21	28	20	23	23	20	18
	60 and over.....	72	80	68	57	84	64	70	72	76	66
	Unknown.....	20	15	22	17	15	17	8	19	5	13
	2. Systemic.....	824	787	766	730	929	838	943	827	882	770
	Under 5.....	359	356	355	352	459	386	514	427	453	390
	60 and over.....	205	214	197	175	217	220	174	206	196	175

## SPECIFIED DISEASES AND CLASSES OF DISEASES, BY SEX, WITH DISTINCTION OF CERTAIN GROUPS OF AGES.

MONTH AND SEX—continued.															
June.		July.		August.		September.		October.		November.		December.		Unknown.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
5,539	5,042	7,164	7,021	5,918	5,761	5,074	4,730	5,053	4,783	5,122	4,714	5,475	5,364	13	9
2,535	2,241	3,838	3,767	2,771	2,803	2,139	1,931	1,981	1,791	1,981	1,664	1,900	1,862	2	2
823	913	873	1,009	859	968	731	869	884	1,013	925	1,044	996	1,249	6	2
67	65	105	75	82	57	57	49	64	55	55	48	61	58		
32	15	35	23	26	10	21	21	17	24	25	17	32	23		
7	1	9	4	1		2	2	3	6	5	1	3	4		
10	4	10	7	9	5	4	9	6	9	7	6	7	7		
3	4	3	4	4	3	1	4	3	1	3	1	9	4		
1,045	1,019	2,020	2,183	1,428	1,510	895	850	672	636	601	618	652	646		
715	692	1,549	1,676	902	976	456	447	311	309	266	269	310	289		
45	58	84	112	66	103	46	67	43	52	42	43	40	62		
4	10	20	15	11	10	7	7	5	5	7	5	4	3		
37	43	26	33	5	2	3	2	4	4	6	3	14	11		
31	40	24	30	5	2	3	2	4	4	6	1	13	11		
77	84	44	57	32	43	24	28	59	51	57	88	90	78		
49	49	30	34	22	31	16	15	39	34	41	56	61	45		
1	1		2							1	1		1		
1										2	2				
78	89	72	86	74	95	114	127	154	157	175	166	181	181		
53	61	53	53	43	64	77	84	110	113	114	98	132	125		
	1		2	1			1		3	1	1	1	2		
24	33	31	56	44	46	28	38	13	21	10	15	9	24		
22	32	29	50	44	44	27	36	13	18	9	15	9	22		
		1	2		1				1	1					
10	13	9	8	14	8	18	9	11	8	12	7	9	12		
8	7	7	5	3	5	3	5	4	4	3	4	4	11		
1	1					1									
1								1							
135	111	174	144	282	251	244	224	184	154	164	148	160	139		
8	8	9	5	3	10	6	7	3	13	9	11	4	5		
8	7	8	6	7	6	8	10	8	10	11	9	7	7		
	4			5	5	2	5	1		2	1	1			
585	556	1,565	1,666	883	971	362	365	181	180	96	106	109	105		
514	471	1,366	1,465	761	799	302	284	120	107	57	57	59	42		
23	33	60	90	42	79	27	47	29	27	15	18	18	28		
2	3	16	8	3	3	4	1	1	1	1	1				
20	22	24	22	27	23	26	11	19	13	18	19	13	17		
2	7	7	4	4	3	3	1	5	3	4	6	4	6		
2	1	1	2	1	3	2	1	1	3	4	4		5		
		1	1	1	1	1					1				
177	151	261	289	230	224	192	165	167	144	159	127	170	126		
128	127	206	261	180	201	145	144	113	122	112	102	125	104		
7	5	10	6	5	4	6	4	6	3	6	5	10	7		
2		4	2	3	3	2	1		1	1	2				
135	131	218	271	182	209	146	152	114	129	114	109	128	111		
127	123	206	260	177	200	143	143	110	122	111	102	123	103		
3	2	7	4	1	4	2	4	2		2	3	5	4		
1		4	2	2	3		1		1	1	2				
902	842	1,213	1,223	1,126	1,122	939	969	843	887	826	763	788	875	2	1
717	551	999	852	924	805	775	661	647	605	636	473	572	491	1	
143	250	164	314	165	276	125	263	166	237	166	259	186	345	1	
9	4	13	8	6	6	8	2	3	6	3	1	6	3		
410	418	681	727	652	657	480	561	371	413	288	314	307	379		
306	267	523	516	519	494	372	365	244	241	172	157	180	162		
67	112	106	159	97	124	69	151	98	129	92	126	100	180		
4	2	10	3	5	4	8	2	2	4	3	1	3	1		
79	140	58	159	69	154	56	112	69	110	74	133	89	167	1	
76	138	58	155	68	152	56	112	68	108	74	133	86	165	1	
3	2		4	1	2			1	2			3	2		
851	931	909	1,022	870	940	841	900	901	982	878	960	988	1,016	4	1
75	73	96	79	76	78	64	58	54	59	60	53	65	60		
112	145	107	159	138	158	111	115	127	171	128	166	140	155	1	
15	17	16	17	20	17	16	15	18	14	16	9	8	17		
			679	657	624	638	616	728	677	672	666	771	733	4	
				13	18	13	17	16	12	20	14	13	18		
					57	61	33	68	65	70	65	73	72	1	
						11	12	17	8	11	5	5	11		



TABLE 101.—DEATHS IN BOSTON DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN CAUSES AND CLASSES  
CERTAIN AGES, AND

SEX AND CONJUGAL CONDITION.					Aggre- gate.	Total males.	Total females.	WHITE.				Colored.	AGE PERIODS.			
								Total.	Native born.		Foreign born.		All ages.	Under 15	15 to 20	20 to 25
									Both parents native.	One or both parents foreign.						
1	Total.....		60,021	30,248	29,773	58,431	14,306	22,268	18,845	1,590	60,021	24,719	1,640	2,771		
2	Single.....	{ M. 18,680 F. 16,149	18,680	16,149	18,111 15,676	4,245 3,749	10,628 8,986	2,439 2,177	569 473	18,680 16,149	13,049 11,648	742 851	1,254 883			
3	Married.....	{ M. 9,367 F. 7,823	9,367	7,823	9,138 7,655	2,475 1,758	985 1,265	5,219 4,362	229 168	9,367 7,823	11 6	..... 44	127 473			
4	Widowed.....	{ M. 1,963 F. 5,704	1,963	5,704	1,931 5,602	558 1,495	106 288	1,091 3,448	32 102	1,963 5,704	..... 3	..... .....	3 17			
5	Divorced.....	{ M. 5 F. 26	5	26	4 25	2 14	1 2	..... 7	1 1	5 26	..... .....	..... .....	1 1			
6	Unknown.....	{ M. 233 F. 71	233	71	220 69	8 2	7 .....	67 35	13 2	233 71	1 1	1 2	9 4			
7	Consumption.....		9,717	4,797	4,920	9,337	1,373	3,472	4,259	380	9,717	729	788	1,468		
8	Single.....	{ M. 2,559 F. 2,176	2,559	2,176	2,437 2,082	331 302	1,343 1,095	704 635	122 94	2,559 2,176	331 398	311 460	648 502			
9	Married.....	{ M. 1,950 F. 2,132	1,950	2,132	1,877 2,066	303 322	371 550	1,146 1,157	73 66	1,950 2,132	..... 17	..... .....	55 245			
10	Widowed.....	{ M. 265 F. 596	265	596	257 583	25 89	44 66	182 409	8 13	265 596	..... .....	..... .....	3 14			
11	Divorced.....	{ M. 1 F. 3	1	3	3 .....	1 .....	..... .....	2 .....	1 .....	3 .....	..... .....	..... .....	..... .....			
12	Unknown.....	{ M. 22 F. 13	22	13	19 13	..... .....	3 .....	12 12	3 .....	22 13	..... .....	..... .....	1 .....			
13	Cancer and tumor.....		1,849	520	1,329	1,826	610	156	959	23	1,849	22	5	12		
14	Single.....	{ M. 65 F. 205	65	205	65 204	12 64	16 28	34 96	..... 1	65 205	9 13	2 3	4 5			
15	Married.....	{ M. 386 F. 655	386	655	380 648	116 235	22 62	225 321	6 7	386 655	..... .....	..... .....	2 1			
16	Widowed.....	{ M. 67 F. 461	67	461	67 453	16 166	2 25	43 234	8 .....	67 461	..... .....	..... .....	..... .....			
17	Divorced.....	{ M. 4 F. 4	4	4	4 .....	1 .....	1 .....	2 .....	..... .....	4 .....	..... .....	..... .....	..... .....			
18	Unknown.....	{ M. 2 F. 4	2	4	2 3	..... .....	..... .....	2 2	..... 1	2 4	..... .....	..... .....	..... .....			
19	Diseases of the nervous system.....		6,127	3,134	2,993	6,003	1,934	2,027	1,691	124	6,127	2,657	60	94		
20	Single.....	{ M. 1,764 F. 1,524	1,764	1,524	1,718 1,487	479 419	1,012 842	153 164	46 37	1,764 1,524	1,448 1,209	26 32	41 33			
21	Married.....	{ M. 1,094 F. 646	1,094	646	1,079 640	455 207	68 56	479 341	15 6	1,094 646	..... 1	..... .....	4 15			
22	Widowed.....	{ M. 267 F. 808	267	808	264 794	80 272	8 41	126 425	3 14	267 808	..... .....	..... .....	..... .....			
23	Divorced.....	{ M. 1 F. 1	1	1	1 .....	1 .....	..... .....	..... .....	..... .....	1 .....	..... .....	..... .....	..... .....			
24	Unknown.....	{ M. 9 F. 14	9	14	7 13	2 .....	..... .....	1 2	2 1	9 14	..... .....	..... 1	1 .....			
25	Diseases of the respiratory system.....		4,030	1,981	2,049	3,911	1,138	774	1,754	119	4,030	498	110	117		
26	Single.....	{ M. 664 F. 635	664	635	633 617	161 151	300 248	140 192	31 18	664 635	256 242	52 55	55 43			
27	Married.....	{ M. 57 F. 31	1,057	731	1,018 715	380 171	81 88	494 425	39 16	1,057 731	..... 3	..... .....	6 12			
			246	677	245 663	95 177	16 40	108 390	1 14	246 677	..... .....	..... .....	1 .....			
			1	1	1 .....	1 .....	..... .....	..... .....	..... .....	1 .....	..... .....	..... .....	..... .....			
			.....	5	13 5	1 1	1 .....	3 2	..... .....	13 5	..... .....	..... .....	..... .....			

## OF CAUSES, BY CONJUGAL CONDITION AND SEX, WITH DISTINCTION OF COLOR, NATIVITY, PARENTAL NATIVITY, BIRTHPLACES OF MOTHERS.

AGE PERIODS—continued.					BIRTHPLACES OF MOTHERS.														
35 to 35	35 to 45	45 to 55	55 to 65	65 and over.	Un- known.	United States.	Eng- land and Wales.	Ire- land.	Scot- land.	France.	Ger- many.	Russia and Pol- land.	Can- ada.	Scan- di- navia.	Hun- gary.	Bo- hemia.	Italy.	Other for- eign coun- tries.	Un- known.
6,294	5,626	5,102	4,808	9,035	26	18,969	2,149	24,726	902	140	1,983	547	5,167	553	28	27	786	740	3,304
1,885 957	827 474	382 349	251 347	286 635	4 5	6,246 5,607	600 503	6,969 5,909	244 193	38 25	591 460	246 209	2,093 1,935	231 172	17 3	9 12	344 280	290 218	762 563
1,246 1,944	1,852 1,840	1,933 1,417	1,767 1,052	2,426 1,041	5 6	2,777 2,004	401 303	4,187 3,940	190 134	38 19	437 279	33 45	366 558	72 57	4 3	1 4	69 65	131 52	661 380
51 149	169 373	264 677	349 1,002	1,125 3,481	2 2	616 1,687	70 206	854 2,823	33 106	7 12	65 150	1 12	31 179	8 12	1 1	1 1	11 15	15 31	251 470
1 2	2 9	9 9	3 3	2 2	2 15	2 15	1 1	5 5	1 1	1 1	1 1	1 1	2 1	1 1	1 1	1 1	2 1	3 1	182 51
48 11	70 10	52 19	32 5	19 18	1 1	12 3	5 3	24 15	1 1	1 1	1 1	1 1	2 1	1 1	1 1	1 1	2 1	3 1	182 51
2,791	1,858	1,006	583	489	5	1,877	294	5,549	168	21	292	31	826	76	1	7	61	120	394
844 523	284 157	91 64	27 45	21 27	2 2	590 460	53 53	1,466 1,233	36 27	3 2	70 41	13 2	222 251	26 14	1 1	1 3	18 9	51 19	100 56
495 819	607 595	394 261	241 117	157 76	1 2	380 391	74 79	1,079 1,216	52 37	9 4	97 62	7 6	102 209	10 20	1 1	1 2	11 20	30 17	97 60
27 73	68 136	68 120	45 102	54 151	1 1	37 101	12 22	171 369	2 13	1 2	10 12	3 3	6 33	2 4	1 1	1 1	2 1	2 2	22 34
1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
5 3	7 3	5 3	3 2	1 2	1 1	1 1	1 1	8 6	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	10 5
97	310	450	428	524	1	669	71	702	44	9	88	5	93	10	1	1	12	11	134
10 18	9 40	15 42	9 43	7 41	1 1	14 74	1 5	26 87	6 0	1 1	5 5	5 5	5 14	1 1	1 1	1 1	1 1	2 2	5 13
9 56	51 171	95 199	106 142	123 86	1 1	127 247	13 32	151 239	6 13	1 3	35 26	2 2	15 39	3 4	1 1	1 1	4 6	2 3	26 41
4	2 37	11 83	13 111	41 225	1 1	20 186	19 19	28 168	1 13	1 4	6 11	1 1	2 17	2 2	1 1	1 1	1 1	4 4	9 36
1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
237	361	516	638	1,561	3	2,417	231	2,067	86	11	210	51	490	35	2	2	81	61	374
74 30	52 26	39 33	39 53	45 108	2 2	688 597	64 54	568 462	23 19	4 2	60 46	22 20	196 213	14 13	1 1	2 2	40 27	16 17	69 51
56 63	132 105	201 144	234 138	465 180	1 1	486 225	53 27	327 282	17 3	2 1	53 28	4 2	24 34	5 1	1 1	1 1	7 3	20 3	95 37
2 8	13 31	17 72	39 134	195 563	1 1	105 311	12 21	89 337	8 16	2 1	9 23	4 3	4 19	1 1	1 1	1 1	4 4	2 3	35 70
1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
2 2	1 1	3 6	1 1	2 3	3 1	3 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	5 12
375	484	598	712	1,133	3	1,356	139	1,708	50	9	143	15	193	10	1	1	34	48	309
101 68	71 49	48 53	42 50	39 74	1 1	220 207	12 15	279 204	7 7	1 1	19 14	5 1	49 55	3 1	1 1	1 1	14 7	6 8	49 27
76 116	153 149	195 167	281 160	346 123	1 1	427 194	45 28	357 380	17 15	5 2	52 26	4 5	33 27	8 4	1 1	1 1	5 5	21 6	83 39
1 12	15 44	42 88	47 127	140 405	1 1	104 201	8 31	83 313	3 10	1 1	4 28	1 1	2 27	1 1	1 1	1 1	2 1	5 1	34 63
1 1	3 2	2 2	5 5	2 3	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1

TABLE 99.—DEATHS IN BOSTON BY MONTHS DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN

	CAUSE OF DEATH AND AGE.	MONTH AND SEX.									
		January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1	Grand total .....	2,843	2,827	2,213	2,239	2,537	2,601	2,543	2,557	2,415	2,423
2	Under 5 .....	924	751	748	687	878	771	917	746	825	771
3	60 and over .....	580	697	142	561	454	628	442	627	455	531
4	Unknown .....	4	2				1				2
5	Unknown causes:										
6	All ages .....	12	11	8	8	13	7	10	8	13	11
7	Under 5 .....	2	3	3	3	5	2	3	1	5	5
8	60 and over .....	3	4	1	2	3	1	2	3	2	
	Unknown .....										
9	I.—General diseases.										
10	General diseases—A:										
11	All ages .....	294	332	233	248	291	263	316	286	294	309
12	Under 5 .....	179	179	145	153	179	170	195	165	184	185
13	60 and over .....	17	30	11	19	21	20	19	25	19	15
14	Unknown .....										
15	1. Measles .....	9	8	13	13	9	12	22	20	20	25
16	Under 5 .....	9	7	12	12	9	12	20	19	19	23
17	60 and over .....										
18	Unknown .....										
19	2. Scarlet fever .....	29	35	16	18	30	33	38	25	26	27
20	Under 5 .....	23	24	11	13	23	19	27	15	19	15
21	60 and over .....										
22	Unknown .....										
23	3. Diphtheria .....	119	150	99	103	85	101	107	86	105	102
24	Under 5 .....	72	92	66	67	59	74	72	58	69	61
25	60 and over .....	1									
26	Unknown .....										
27	4. Whooping cough .....	10	11	15	14	13	20	12	20	10	16
28	Under 5 .....	10	11	15	14	13	19	12	19	10	15
29	60 and over .....										1
30	Unknown .....										
31	5. Cerebro-spinal fever .....	0	3	3	3	8	8	3	3	2	6
32	Under 5 .....	6	1	3	3	4	4	1	2	2	1
33	60 and over .....		2								
34	Unknown .....										
35	6. Typhoid fever .....	15	23	19	18	29	15	25	29	28	25
36	Under 5 .....			1		5	1	1		1	2
37	60 and over .....		3		1	1	3	1	1	2	1
38	Unknown .....										
39	7. Diarrheal diseases .....	55	57	35	48	63	50	62	62	56	72
40	Under 5 .....	41	29	21	34	48	29	53	40	47	59
41	60 and over .....	8	13	7	6	4	12	3	11	5	5
42	Unknown .....										
43	8. Malarial fever .....	2	2			3	1	2	1		
44	Under 5 .....										
45	60 and over .....					1		1	1		
46	Unknown .....										
47	General diseases—B:										
48	All ages .....	41	27	55	24	45	34	45	27	45	33
49	Under 5 .....	17	17	23	18	22	19	20	10	20	17
50	60 and over .....	6	3	5	1	2	3	1	2	2	1
51	Unknown .....										
52	1. Inanition .....	29	19	24	18	23	22	20	9	20	14
53	Under 5 .....	17	17	22	18	22	19	20	8	19	14
54	60 and over .....	3	2	2		1	1		1		
55	Unknown .....										
56	General diseases—C:										
57	All ages .....	249	243	190	224	231	240	239	266	217	261
58	Under 5 .....	176	119	125	114	178	142	180	141	146	158
59	60 and over .....	67	110	63	101	50	85	50	116	64	93
60	Unknown .....		1								2
61	1. Debility and atrophy .....	103	101	72	96	113	118	110	120	91	121
62	Under 5 .....	63	51	53	56	86	67	82	66	58	78
63	60 and over .....	34	36	17	31	24	38	19	45	26	31
64	Unknown .....		1								1
65	2. Old age .....	33	74	46	70	26	47	31	71	38	62
66	60 and over .....	33	74	46	70	26	47	31	71	38	62
67	Unknown .....										
68	General diseases—D:										
69	All ages .....	596	728	496	569	572	618	608	625	525	632
70	Under 5 .....	65	53	77	58	69	63	88	67	83	72
71	60 and over .....	70	112	58	80	69	84	61	83	63	94
72	Unknown .....	1									
73	1. Consumption .....	465	487	368	377	446	419	459	399	376	415
74	Under 5 .....	18	21	21	15	22	14	29	19	23	18
75	60 and over .....	34	30	26	28	35	28	31	35	23	38
76	Unknown .....	1									
77	II.—Diseases of the										
78	Stomach .....	287	260	229	241	268	289	295	317	286	248
79	Intestines .....	107	90	92	90	115	111	142	102	116	89
80	Liver .....	101	94	75	97	71	98	77	116	77	86

## SPECIFIED DISEASES AND CLASSES OF DISEASES, BY SEX, WITH DISTINCTION OF CERTAIN GROUPS OF AGES.

MONTH AND SEX—continued.															
June.		July.		August.		September.		October.		November.		December.		Unknown.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
2,161	2,049	3,016	2,724	2,848	2,771	2,551	2,459	2,353	2,427	2,213	2,235	2,552	2,460	3	1
766	614	1,567	1,340	1,393	1,228	1,120	1,034	867	807	785	656	849	736	1	2
342	408	285	456	378	490	377	434	402	495	349	489	483	596	1	3
2	3	2						4	5				1		4
10	11	8	10	9	12	10	8	8	15	7	7	14	6		5
6	3	2	3	4	3	4	4	4	7	2	2	6	2		6
1	1	2	5	1	1	2	2	1	4	2	3	4	1		7
															8
328	317	1,044	905	980	1,008	668	696	441	456	319	320	338	326	2	9
204	200	901	809	773	731	470	484	283	260	182	193	191	196	1	10
22	19	25	67	46	91	33	53	13	25	16	22	18	15		11
	1														12
21	10	22	20	5	4	4	2	1	9	4	5	19	15		13
19	9	20	19	4	3	4	1	1	8	3	4	18	13		14
															15
16	25	14	22	10	20	26	18	26	22	34	43	43	43		16
11	17	10	18	8	16	17	14	20	16	27	24	26	34		17
															18
94	104	50	78	71	65	85	79	120	128	111	115	132	138		19
55	56	37	51	47	34	47	50	82	75	70	77	89	89		20
	1							1							21
18	21	27	30	50	52	25	36	13	22	11	8	9	18		22
17	19	27	38	49	51	25	35	13	22	10	8	9	18		23
															24
7	2	9	3	4	4	2	6	3	5	2	3	3	1		25
7	2	4	2	2	4	1	5	3	2	1	1	1			26
															27
32	18	50	29	74	54	93	81	82	70	59	37	45	31		28
1				1		4		1	3		2	4	1		29
2		1	3	3	6		1	4	3	4	3	4			30
															31
109	169	846	772	747	775	400	453	168	168	77	89	51	53	1	32
85	89	790	669	657	615	363	369	151	129	65	60	31	34	1	33
12	10	18	55	39	75	28	50	5	18	5	14	10	10		34
															35
2	2	1	1	2	7	3	2	4	2	3	1	2	1		36
1	1				3	2	1	1	1	1		1	1		37
															38
47	25	57	39	52	43	58	42	42	37	37	30	49	35		39
21	11	32	28	25	31	33	34	15	24	9	15	18	14		40
4	2	1	3	2	1	4	1			2	2	3	3		41
															42
23	12	32	29	26	31	32	35	15	24	9	17	18	15		43
21	10	31	28	25	31	32	34	15	24	9	15	18	14		44
2	1		1								1		1		45
															46
203	195	278	262	281	312	277	279	286	277	186	204	217	258		47
167	119	225	160	233	190	222	189	210	176	151	100	157	132		48
32	72	49	86	45	100	52	83	62	91	32	91	53	117		49
		1											1		50
79	76	156	137	163	193	161	156	159	166	93	73	96	136		51
69	57	130	98	148	136	145	130	125	108	78	36	65	70		52
6	15	22	32	12	44	13	19	29	48	12	24	24	58		53
		1													54
25	57	28	54	33	56	39	64	33	43	20	67	29	60		55
25	57	28	54	33	56	39	64	33	43	20	67	29	59		56
													1		57
476	602	547	541	520	555	514	584	473	636	489	578	567	578		58
74	57	112	63	82	47	88	73	64	76	61	44	59	45		59
45	75	58	75	59	74	62	70	57	82	53	82	74	92		60
	1	1													61
															62
															63
															64
															65
															66
															67



TABLE 100.—DEATHS IN PHILADELPHIA BY MONTHS DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN

CAUSE OF DEATH AND AGE.		MONTH AND SEX.									
		January.		February.		March.		April.		May.	
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1	Grand total.....	6,309	6,206	5,369	5,317	6,260	6,054	6,038	5,700	5,629	5,214
2	Under 5.....	2,222	1,979	2,008	1,826	2,426	2,080	2,421	2,063	2,276	2,005
3	60 and over.....	1,261	1,518	996	1,240	1,157	1,417	1,090	1,263	968	1,011
4	Unknown.....	98	73	69	59	73	98	63	69	51	63
5	Unknown causes:										
6	All ages.....	37	34	22	18	28	28	35	18	29	17
7	Under 5.....	3	3	4	5	4	1	9	2	9	3
8	60 and over.....	11	17	7	7	6	11	9	6	4	5
	Unknown.....	8	1	3	1	7	7	3	3	1	1
I.—General diseases.											
General diseases—A:											
9	All ages.....	664	714	571	640	688	708	695	678	742	729
10	Under 5.....	287	300	255	282	303	292	364	313	397	372
11	60 and over.....	54	54	46	53	57	69	54	60	55	42
12	Unknown.....	3	4	7	8	7	6	8	4	7	6
13	1. Measles.....	17	28	22	30	34	37	82	67	66	40
14	Under 5.....	16	27	21	23	33	35	75	57	65	39
15	60 and over.....										
16	Unknown.....			1		1					
17	2. Scarlet fever.....	78	91	64	71	80	72	74	65	63	65
18	Under 5.....	51	54	42	42	53	38	55	41	45	45
19	60 and over.....										
20	Unknown.....					1		1			
21	3. Diphtheria.....	132	187	85	134	114	123	102	116	108	106
22	Under 5.....	90	120	65	93	79	82	78	67	78	64
23	60 and over.....		1			1				1	1
24	Unknown.....		1	1				1		1	1
25	4. Whooping cough.....	21	22	27	28	25	37	19	24	35	37
26	Under 5.....	21	22	25	24	23	36	19	23	33	36
27	60 and over.....						1				
28	Unknown.....			1				1		1	
29	5. Cerebro-spinal fever.....	12	11	12	14	16	17	15	19	15	16
30	Under 5.....	5	4	3	5	5	7	4	10	4	9
31	60 and over.....			1				1	1	1	
32	Unknown.....			1			1				
33	6. Typhoid fever.....	191	168	155	153	167	167	142	123	150	131
34	Under 5.....	8	5	4	7	9	2	4	5	7	6
35	60 and over.....	5	8	5	7	4	16	6	4	13	5
36	Unknown.....	1	2	1	4	1		2		2	1
37	7. Diarrheal diseases.....	109	103	112	103	140	141	150	146	195	192
38	Under 5.....	64	43	62	53	72	62	100	81	137	135
39	60 and over.....	22	28	16	25	19	31	22	32	15	15
40	Unknown.....	1	1	1	2	3	4	4	1	3	3
41	8. Malarial fever.....	18	12	9	10	17	18	15	15	16	18
42	Under 5.....	3	2	2		3	3	1	3		
43	60 and over.....	2	2	3	3	3	2	3	4	4	5
44	Unknown.....							1			
General diseases—B:											
45	All ages.....	183	127	171	126	177	128	171	140	164	158
46	Under 5.....	136	101	115	104	124	98	121	114	124	180
47	60 and over.....	6	6	6	4	7	11	8	8	5	6
48	Unknown.....	5	1	1	1		3		1	2	2
49	1. Inanition.....	146	113	124	114	134	116	128	123	126	139
50	Under 5.....	135	90	115	103	124	98	121	112	121	130
51	60 and over.....	4	6	1	4	4	8	5	6	2	6
52	Unknown.....	4		1		4	3		1	1	
General diseases—C:											
53	All ages.....	851	964	768	810	947	978	838	893	857	804
54	Under 5.....	603	521	579	435	719	556	616	521	667	526
55	60 and over.....	211	392	164	335	202	378	190	326	153	245
56	Unknown.....	7	6	3	2	1	6	4	1	4	3
57	1. Debility and atrophy.....	296	417	244	349	378	446	371	409	348	386
58	Under 5.....	154	170	147	136	228	213	234	188	223	213
59	60 and over.....	105	196	74	173	124	192	106	175	89	141
60	Unknown.....	7	6	1	2	1	3	3	1	3	2
61	2. Old age.....	106	196	92	162	78	188	85	151	65	105
62	Under 5.....	106	196	90	162	78	186	84	151	64	104
63	60 and over.....			2			2	1		1	1
General diseases—D:											
	All ages.....	1,101	1,158	987	988	1,138	1,137	1,101	1,108	1,002	1,067
	Under 5.....	72	62	65	66	100	76	93	84	78	69
	60 and over.....	136	171	124	163	140	167	150	165	148	159
	Unknown.....	25	21	22	20	19	25	11	23	10	18
	.....	875	842	790	692	899	800	848	784	770	726
	.....	21	16	15	21	28	20	23	23	20	18
	.....	72	80	68	57	84	64	70	72	76	66
	.....	20	15	22	17	15	17	8	19	5	13
	.....	824	787	766	730	929	838	943	827	882	770
	.....	359	356	355	352	450	386	514	427	453	390
	.....	205	214	197	175	217	220	174	206	196	175

## SPECIFIED DISEASES AND CLASSES OF DISEASES, BY SEX, WITH DISTINCTION OF CERTAIN GROUPS OF AGES.

MONTH AND SEX—continued.															
June.		July.		August.		September.		October.		November.		December.		Unknown.	
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
5,539	5,042	7,164	7,021	5,918	5,761	5,074	4,730	5,053	4,783	5,122	4,714	5,475	5,364	13	9
2,535	2,241	3,838	3,767	2,771	2,803	2,139	1,931	1,981	1,791	1,981	1,664	1,990	1,862	2	2
823	913	1,873	1,099	859	968	731	869	884	1,013	925	1,044	906	1,249	6	2
67	65	105	75	82	57	57	40	64	55	55	48	61	58		
32	15	35	23	26	10	21	21	17	24	25	17	32	23		
7	1	9	4	1		2	2	3	6	5	1	3	4		
10	4	10	7	9	5	4	9	6	9	7	6	7	7		
3	4	3	4	4	3	1	4	3	1	3	1	9	4		
1,045	1,019	2,020	2,163	1,428	1,510	895	850	672	636	601	618	652	646		
715	692	1,549	1,676	902	976	456	447	311	309	266	289	310	289		
45	58	84	112	66	103	46	67	43	52	42	43	40	62		
4	10	20	15	11	10	7	7	5	5	7	5	4	3		
37	43	26	32	5	2	3	2	4	4	6	3	14	11		
31	40	24	30	5	2	3	2	4	4	6	1	13	11		
77	84	44	57	32	43	24	28	59	51	57	86	90	78		
49	49	30	34	22	31	16	15	39	34	41	56	61	46		
1	1									1	2		1		
1			2												
78	89	72	86	74	95	114	127	154	157	175	166	181	181		
53	61	53	53	43	64	77	84	110	113	114	98	132	125		
			2				1			2		1			
	1			1			1		3	1	1	2			
24	33	31	56	44	46	28	38	13	21	10	15	9	24		
22	32	29	50	44	44	27	36	13	18	9	15	9	22		
		1	2		1				1	1					
10	13	9	8	14	8	18	9	11	8	12	7	9	12		
8	7	7	5	3	5	3	5	4	4	3	4	4	11		
	1					1									
	1							1							
135	111	174	144	282	251	244	224	184	154	164	148	160	139		
8	8	9	5	3	10	6	7	3	13	9	11	4	5		
8	7	8	6	7	6	8	10	8	10	11	9	7	7	1	
	4			5	5	2	5	1		2	1	1			
585	556	1,565	1,666	883	971	352	365	181	180	96	106	109	105		
514	471	1,366	1,465	761	799	302	284	120	107	57	57	59	42		
23	33	60	90	42	79	27	47	29	27	15	18	18	28		
2	3	16	8	3	3	4	1	1	1	1	1				
20	22	24	22	27	23	26	11	19	13	18	19	13	17		
2	7	7	4	4	3	3	1	5	3	4	6	4	6		
2	1	1	2	1	3	2	1	1	3	4	4		5		
		1	1	1	1	1					1				
177	151	261	289	230	224	192	165	167	144	159	127	170	126		
128	127	206	261	180	201	145	144	113	122	112	102	125	104		
7	5	10	6	5	4	6	4	6	3	6	5	10	7		
2		4	2	3	3	2	1		1	1	2				
135	131	218	271	182	209	146	152	114	129	114	109	128	111		
127	123	206	260	177	200	143	143	110	122	111	102	123	103		
3	2	7	4	1	4	2	4	2		2	3	5	4		
1		4	2	2	3		1		1	1	2				
902	842	1,213	1,223	1,126	1,122	939	969	843	887	826	763	788	875	2	1
717	551	999	852	924	805	775	661	647	605	636	473	572	491	1	
143	250	164	314	165	276	125	263	166	237	166	259	186	345	1	
9	4	13	8	6	6	8	2	3	6	3	1	6	3		
410	418	681	727	652	657	480	561	371	413	288	314	307	379		
306	207	528	516	519	494	372	365	244	241	172	157	180	162		
67	112	106	159	124	69	69	151	98	129	92	126	100	180		
4	2	10	3	5	4	8	2	2	4	3	1	3	1		
79	140	58	159	69	154	56	112	69	110	74	133	89	167	1	
76	138	58	155	68	152	56	112	68	108	74	133	86	165	1	
3	2		4	1	2			1	2			3	2		
851	931	909	1,022	870	940	841	900	901	982	878	960	988	1,016	4	1

TABLE 101.—DEATHS IN BOSTON DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN CAUSES AND CLASSES  
CERTAIN AGES, AND

SEX AND CONJUGAL CONDITION.	Aggre- gate.	Total males.	Total females	WHITE.					Colored.	AGE PERIODS.			
				Total.	Native born.		Foreign born.	All ages.		Under 15	15 to 20	20 to 25	
					Both parents native.	One or both parents foreign.							
1 Total.....	60,021	30,248	29,773	58,431	14,306	22,268	18,845	1,590	60,021	24,719	1,640	2,771	
2 Single.....	{ M 18,680 F 16,149	18,680	16,149	18,111 15,676	4,245 3,740	10,628 8,986	2,439 2,177	569 473	18,680 16,149	13,049 11,648	742 851	1,254 883	
3 Married.....	{ M 9,367 F 7,823	9,367	7,823	9,138 7,655	2,475 1,758	985 1,265	5,219 4,362	229 168	9,367 7,823	11 6	..... 44	127 473	
4 Widowed.....	{ M 1,963 F 5,704	1,963	5,704	1,931 5,602	558 1,495	106 288	1,091 3,448	32 102	1,963 5,704	..... 3	..... .....	3 17	
5 Divorced.....	{ M 5 F 26	5	26	4 25	2 14	1 2	..... 7	1 1	5 26	..... .....	..... .....	..... 1	
6 Unknown.....	{ M 233 F 71	233	71	220 69	8 2	7	67 35	13 2	233 71	1 1	1 2	9 4	
7 Consumption.....	9,717	4,797	4,920	9,337	1,373	3,472	4,259	380	9,717	729	788	1,468	
8 Single.....	{ M 2,559 F 2,176	2,559	2,176	2,437 2,082	331 302	1,343 1,095	704 635	122 94	2,559 2,176	331 398	311 460	648 502	
9 Married.....	{ M 1,950 F 2,132	1,950	2,132	1,877 2,066	303 322	271 550	1,146 1,157	73 66	1,950 2,132	..... 17	..... .....	55 245	
10 Widowed.....	{ M 265 F 596	265	596	257 583	25 89	44 66	182 409	8 13	265 596	..... .....	..... .....	3 14	
11 Divorced.....	{ M 1 F 3	1	3	3	1	.....	.....	1	1	.....	.....	.....	
12 Unknown.....	{ M 22 F 13	22	13	19 13	.....	3	12 12	3	22 13	.....	.....	1	
13 Cancer and tumor.....	1,849	520	1,329	1,826	610	156	959	23	1,849	22	5	12	
14 Single.....	{ M 65 F 205	65	205	65 204	12 64	16 28	34 96	..... 1	65 205	9 13	2 3	4 5	
15 Married.....	{ M 386 F 635	386	635	380 648	116 235	22 62	225 321	6 7	386 635	.....	.....	2 1	
16 Widowed.....	{ M 67 F 461	67	461	67 453	16 166	2 25	43 234	..... 8	67 461	.....	.....	.....	
17 Divorced.....	{ M ..... F 4	.....	4	4	1	1	2	.....	4	.....	.....	.....	
18 Unknown.....	{ M 2 F 4	2	4	2 3	.....	.....	2 2	..... 1	2 4	.....	.....	.....	
19 Diseases of the nervous system.....	6,127	3,134	2,993	6,003	1,934	2,027	1,691	124	6,127	2,657	60	94	
20 Single.....	{ M 1,764 F 1,524	1,764	1,524	1,718 1,487	479 419	1,012 842	153 164	46 37	1,764 1,524	1,448 1,209	26 32	41 33	
21 Married.....	{ M 1,094 F 646	1,094	646	1,079 640	455 207	68 56	479 341	15 6	1,094 646	.....	1	4 15	
22 Widowed.....	{ M 267 F 808	267	808	264 794	90 272	8 41	126 425	3 14	267 808	.....	.....	.....	
23 Divorced.....	{ M ..... F 1	.....	1	1	1	.....	.....	.....	1	.....	.....	.....	
24 Unknown.....	{ M 9 F 14	9	14	7 13	2	.....	1 2	2 1	9 14	.....	1	1	
25 Diseases of the respiratory system.....	4,030	1,981	2,049	3,911	1,138	774	1,754	119	4,030	498	110	117	
26 Single.....	{ M 664 F 635	664	635	633 617	161 151	300 248	140 192	31 18	664 635	256 242	52 55	55 43	
27 Married.....	{ M 1,057 F .....	1,057	731	1,018 715	380 171	81 88	494 425	39 16	1,057 731	.....	3	6 12	
28 Widowed.....	{ M ..... F .....	246	677	245 663	95 177	16 40	108 390	1 14	246 677	.....	.....	1	
29 Divorced.....	{ M ..... F .....	.....	1	1 1	1	.....	.....	.....	1 1	.....	.....	.....	
30 Unknown.....	.....	.....	.....	13 5	1 1	1	3 2	..... .....	13 5	.....	.....	.....	

TABLE 101.—DEATHS IN BOSTON DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN CAUSES AND CLASSES  
CERTAIN AGES, AND BIRTHPLACES

SEX AND CONJUGAL CONDITION.		Aggre- gate.	Total males.	Total females.	WHITE.				Colored.	AGE PERIODS.			
					Total.	Native born.		Foreign born.		All ages.	Under 15	15 to 20	20 to 25.
						Both parents native.	One or both parents foreign.						
1	Diseases of the circulatory system.....	2,290	1,070	1,220	2,248	620	582	930	42	2,290	576	65	78
2	Single.....	{ M 510 F 439	510	439	500 427	139 115	258 207	81 83	10 12	510 439	331 245	35 27	25 29
3	Married.....	{ M 481 F 499	481	499	475 491	134 132	38 65	280 273	6 8	481 499		2	23
4	Widowed.....	{ M 73 F 279	73	279	71 277	17 80	4 10	40 171	2 2	73 279			
5	Divorced.....	{ M F 2		2	2	1				2			
6	Unknown.....	{ M 6 F 1	6	1	4 1	2		2	2	6 1		1	1
7	Diseases of the urinary system.....	2,133	1,245	888	2,076	606	366	983	57	2,133	126	38	86
8	Single.....	{ M 343 F 197	343	197	328 195	79 51	141 73	97 65	15 2	343 197	80 45	19 19	38 26
9	Married.....	{ M 724 F 433	724	433	703 425	256 99	53 76	346 231	21 8	724 433	1		2 20
10	Widowed.....	{ M 168 F 254	168	254	165 247	54 64	8 15	85 153	3 7	168 254			
11	Divorced.....	{ M 2 F 1	2	1	2 1	2 1				2 1			
12	Unknown.....	{ M 8 F 3	8	3	7 3			3 3	1	8 3			
13	Diseases of the female organs of generation.....	175		175	169	70	23	61	6	175	1	4	15
14	Single.....	53		53	52	20	11	17	1	53	1	4	8
15	Married.....	94		94	90	39	11	31	4	94			7
16	Widowed.....	28		28	27	11	1	13	1	28			
17	Divorced.....												
18	Unknown.....												
19	Suicides.....	277	200	68	276	94	38	113	1	277		10	30
20	Single.....	{ M 62 F 29	62	29	61 29	29 6	12 4	18 15	1	62 29		1 8	14 9
21	Married.....	{ M 114 F 31	114	31	114 31	42 6	12 7	49 17		114 31		1	4 3
22	Widowed.....	{ M 23 F 5	23	5	23 5	9 1	1 1	10 2		23 5			
23	Divorced.....	{ M 1 F 2	1	2	1 2		1			1 2			
24	Unknown.....	{ M 9 F 1	9	1	9 1			2		9 1			
25	All other causes.....	33,423	17,292	16,131	32,585	7,861	14,830	8,095	838	33,423	20,110	560	871
26	Single.....	{ M 12,713 F 10,891	12,713	10,891	12,369 10,583	3,015 2,621	7,546 6,478	1,212 910	344 308	12,713 10,891	10,594 9,495	296 243	429 228
27	Married.....	{ M 3,561 F 2,602	3,561	2,602	3,492 2,549	789 547	340 350	2,200 1,566	69 53	3,561 2,602	10 6	20	54 147
28	Widowed.....	{ M 854 F 2,596	854	2,596	839 2,550	243	23	497 1,651	15 43	854 2,596	3		2



TABLE 102.—DEATHS IN PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN CAUSES AND BIRTHPLACES

	SEX AND CONJUGAL CONDITION.	Aggre- gate.	Total males.	Total females.	WHITE.			Colored.	AGE PERIODS.			
					Total.	Native born.	Foreign born.		All ages.	Under 15	15 to 20	20 to 25
1	Total .....	134, 878	68, 963	65, 915	127, 556	103, 507	21, 473	7, 322	134, 878	61, 090	3, 584	5, 823
2	Single .....	{ M. 41, 059 F. 37, 134	41, 059	37, 134	38, 792 34, 753	36, 325 32, 929	2, 074 1, 561	2, 267 2, 381	41, 059 37, 134	31, 870 29, 192	1, 658 1, 800	2, 182 1, 774
3	Married .....	{ M. 23, 337 F. 21, 226	23, 337	21, 226	22, 381 20, 187	14, 272 13, 417	7, 538 6, 411	956 1, 039	23, 337 21, 226	11 7	23 85	635 1, 093
4	Widowed .....	{ M. 2, 637 F. 6, 441	2, 637	6, 441	2, 561 6, 098	1, 456 3, 720	1, 026 2, 228	76 343	2, 637 6, 441		1 3	14 23
5	Divorced .....	{ M. 5 F. 8	5	8	5 7	4 6	1 1		5 8			
6	Unknown .....	{ M. 1, 925 F. 1, 106	1, 925	1, 106	1, 784 988	847 521	305 238	141 118	1, 925 1, 106	3 7	9 9	65 37
7	Consumption .....	17, 442	8, 968	8, 474	16, 136	11, 923	3, 708	1, 306	17, 442	786	1, 130	2, 519
8	Single .....	{ M. 3, 290 F. 3, 144	3, 290	3, 144	2, 974 2, 846	2, 450 2, 445	446 349	316 298	3, 290 3, 144	349 436	441 654	897 841
9	Married .....	{ M. 4, 973 F. 4, 503	4, 973	4, 503	4, 701 4, 217	3, 219 3, 005	1, 380 1, 138	272 286	4, 973 4, 503	1	9 20	277 445
10	Widowed .....	{ M. 261 F. 581	261	581	248 532	145 347	96 169	13 49	261 581			6 15
11	Divorced .....	{ M. 2 F. 2	2	2	1 1	1 1		1	2			
12	Unknown .....	{ M. 444 F. 244	444	244	401 216	194 117	91 39	43 28	444 244		2 4	16 22
13	Cancer and tumor .....	3, 205	1, 022	2, 183	3, 101	1, 921	1, 068	104	3, 205	52	11	32
14	Single .....	{ M. 141 F. 241	141	241	135 232	96 157	34 67	6 9	141 241	30 22	6 5	12 8
15	Married .....	{ M. 740 F. 1, 458	740	1, 458	727 1, 408	383 913	320 477	13 50	740 1, 458			1 10
16	Widowed .....	{ M. 93 F. 433	93	433	90 416	52 277	35 131	3 17	93 433			1
17	Divorced .....	{ M. 1 F. 1	1	1	1 1	1 1						
18	Unknown .....	{ M. 48 F. 51	48	51	45 48	19 24	10 14	3 3	48 51			
19	Diseases of the nervous system .....	18, 669	9, 671	8, 998	17, 755	15, 106	2, 361	914	18, 669	10, 190	286	281
20	Single .....	{ M. 6, 104 F. 5, 546	6, 104	5, 546	5, 773 5, 241	5, 561 5, 055	169 144	331 305	6, 104 5, 546	5, 335 4, 853	140 136	100 91
21	Married .....	{ M. 3, 004 F. 2, 375	3, 004	2, 375	2, 905 2, 279	1, 968 1, 580	865 673	99 96	3, 004 2, 375		2 6	29 51
22	Widowed .....	{ M. 377 F. 942	377	942	370 895	226 556	136 318	7 47	377 942		1	
23	Divorced .....	{ M. 1 F. 2	1	2	1 2	1 2			1 2			
24	Unknown .....	{ M. 185 F. 133	185	133	173 116	104 73	31 25	12 17	185 133	1	1	7 3
25	Diseases of the circulatory system .....	9, 164	4, 678	4, 486	8, 592	6, 168	2, 201	572	9, 164	1, 744	253	261
	Single .....	{ M. 1, 600 F. 1, 465	1, 600	1, 465	1, 513 1, 380	1, 337 1, 218	152 144	87 85	1, 600 1, 465	921 822	128 119	106 80
	Married .....	2, 525			2, 365 1, 974	1, 501 1, 300	809 638	160 121	2, 525 2, 095	1	1 3	20 49
	Widowed .....							17	383		1	1

CLASSES OF CAUSES, BY CONJUGAL CONDITION AND SEX, WITH DISTINCTION OF COLOR, NATIVITY, CERTAIN AGES,  
OF PERSONS.

BOSTON AND PHILADELPHIA.

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AGE PERIODS—continued.

ESTON AND PHILADELPHIA.

BIRTHPLACES OF PERSONS.

25

25 to 35	35 to 45	45 to 55	55 to 65	65 and over.	Un-known.	United States.	Eng-land and Wales.	Ire-land.	Scot-land.	France.	Ger-many.	Russia and Po-land.	Can-ada.	Scan-di-navia.	Hun-gary.	Bo-hemia.	Italy.	Other for-eign coun-tries.	Un-known.
12, 036	10, 878	9, 994	9, 917	19, 938	1, 614	110, 556	2, 136	11, 916	406	133	5, 960	105	93	88	16	2	323	329	2, 805
2, 394	1, 103	589	380	547	338	38, 558	239	1, 082	55	12	496	17	18	31	4		72	61	414
1, 527	676	480	445	952	288	35, 282	139	1, 062	43	11	251	9	9	5	1		12	21	289
3, 484	4, 270	4, 244	6, 205	314	294	15, 162	779	3, 707	126	57	2, 527	44	27	36	7		88	139	612
3, 996	3, 779	3, 291	5, 702	14, 420	27	14, 420	610	3, 673	116	31	1, 743	26	33	10	3		10	78	393
62	192	295	469	1, 577	63	1, 528	115	563	15	11	297	3	3	2	1		11	19	83
158	345	617	1, 155	4, 077	4	4, 043	200	1, 431	36	10	514	3	4	1	2		1	169	169
281	358	1	421	941	4	941	41	227	1	93	1	1	1	1	1		8	588	588
134	155	149	356	611	7	611	18	170	7	39	2	2	3	2	2		6	257	257
4, 974	3, 387	2, 086	1, 033	13, 155	307	2, 747	2, 203	74	21	925	23	20	18	2	2		17	562	562
988	252	127	59	2, 740	47	2, 740	48	13	5	102	1	4	5	1	1		15	88	88
739	233	92	66	3, 475	75	3, 281	25	12	4	50	1	4	4	1	1		19	54	54
1, 397	1, 341	947	552	3, 281	74	3, 281	112	27	5	441	17	4	8	1	2		31	112	112
1, 574	1, 131	640	319	158	4	158	95	19	7	239	4	4	3	1	1		12	84	84
27	58	53	49	891	12	891	10	8	1	30	32	3	1	1	1		7	21	21
71	104	112	107	221	2	221	6	4	51	2	4	1	1	1	1		1	131	131
112	113	80	56	116	4	116	5	30	15	4	6	7	7	1	1		3	65	65
66	55	35	12	563	6	563	22	1	4	137	2	2	2	10	9		1		
180	480	759	845	2, 019	116	2, 019	4	15	353	4	4	1	1	1	1		1		
17	21	20	3	102	4	102	22	1	1	6	7	7	1	1	1		1		
30	46	39	10	166	6	166	51	2	1	9	4	4	1	1	1		1		
27	92	107	20	395	8	395	22	1	1	2	1	1	1	1	1		1		
90	274	425	323	961	25	961	51	1	1	2	1	1	1	1	1		1		
7	8	10	36	203	17	203	22	2	2	10	3	3	2	1	1		1		
	25	78	133	55	3	55	73	2	2	38	1	1	1	1	1		1		
4	9	11	13	20	20	20	1	1	1	1	1	1	1	1	1		1		
5	10	12	9	15	3	15	1	1	1	1	1	1	1	1	1		1		
715	920	1, 207	8, 402	15, 993	190	15, 993	53	18	660	9	9	9	9	9	9		9		
157	94	67	55	5, 889	45	5, 889	16	14	92	1	1	1	1	1	1		1		
94	52	65	65	5, 359	30	5, 359	14	14	99	1	1	1	1	1	1		1		
208	394	508	639	2, 057	33	2, 057	109	76	409	20	13	9	3	3	3		3		
220	297	399	432	1, 652	35	1, 652	76	33	376	13	3	5	6	6	6		6		
2	10	45	69	232	3	232	18	18	71	5	6	2	2	2	2		2		
18	8	81	50	601	1	601	1	1	194	28	28	28	28	28	28		28		
660	968	1, 173	2, 548	112	1	112	7	7	15	1	1	1	1	1	1		1		
128	107	75	45	6, 702	19	6, 702	1	1	22	22	22	22	22	22	22		22		
89	68	67	77	1, 417	27	1, 417	1	1	1	1	1	1	1	1	1		1		
202	340	479	583	1, 300	27	1, 300	1	1	1	1	1	1	1	1	1		1		
261	336	386	418	872	27	872	1	1	1	1	1	1	1	1	1		1		
3	21	42	61	254	27	254	1	1	1	1	1	1	1	1	1		1		
9	40	76	196	506	27	506	1	1	1	1	1	1	1	1	1		1		
15	3	34	1	1	1	1	1	1	1	1	1	1	1	1	1		1		

TABLE 102.—DEATHS IN PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, FROM CERTAIN CAUSES AND BIRTHPLACES

	SEX AND CONJUGAL CONDITION.	Aggre- gate.	Total males.	Total females.	WHITE.			Colored.	AGE PERIODS.			
					Total.	Native born.	Foreign born.		All ages.	Under 15	15 to 20	20 to 25
1	Diseases of the digestive system.....	5,880	2,872	3,008	5,657	4,064	1,488	223	5,880	1,611	165	262
2	Single.....	{ M.. 1,267	1,267	1,120	1,216	1,102	103	51	1,267	869	83	75
		{ F.. 1,120			1,018	947	91	72	1,120	740	73	84
3	Married.....	{ M.. 1,424	1,424	1,510	1,394	821	540	30	1,424		1	26
		{ F.. 1,510			1,455	905	533	55	1,510	1	7	70
4	Widowed.....	{ M.. 117	117	336	117	55	59		117		1	
		{ F.. 336			324	180	133	12	336			1
5	Divorced.....	{ M..										
		{ F..										
6	Unknown.....	{ M.. 64	64	42	63	35	15	1	64	1		1
		{ F.. 42			40	19	14	2	42			5
7	Diseases of the urinary system.....	4,386	2,546	1,840	4,128	2,873	1,103	258	4,386	335	97	144
8	Single.....	{ M.. 570	570	427	534	416	98	36	570	195	44	48
		{ F.. 427			390	326	60	37	427	140	48	42
9	Married.....	{ M.. 1,625	1,625	1,053	1,545	1,036	463	80	1,625		1	13
		{ F.. 1,053			990	694	278	43	1,053		4	36
10	Widowed.....	{ M.. 193	193	284	190	123	62	3	193			
		{ F.. 284			267	161	94	17	284			1
11	Divorced.....	{ M..		1	1	1			1			
		{ F..										
12	Unknown.....	{ M.. 158	158	75	145	80	30	13	158			4
		{ F.. 75			66	36	18	9	75			
13	Diseases of the female organs of generation.....	254		254	240	183	54	14	254	1	8	18
14	Single.....	39		39	37	30	7	2	39	1	5	7
15	Married.....	184		184	175	134	39	9	184		3	11
16	Widowed.....	29		29	26	18	7	3	29			
17	Divorced.....											
18	Unknown.....	2		2	2	1	1		2			
19	Suicides.....	534	429	105	528	295	196	6	534	7	13	37
20	Single.....	{ M.. 100	100	29	100	66	27		100	6	8	18
		{ F.. 29			28	19	7	1	29	1	3	8
21	Married.....	{ M.. 261	261	61	250	134	112	2	261			5
		{ F.. 61			58	35	21	3	61		2	4
22	Widowed.....	{ M.. 44	44	10	44	23	19		44			
		{ F.. 10			10	5	4		10			1
23	Divorced.....	{ M.. 1	1		1		1		1			
		{ F..										
24	Unknown.....	{ M.. 23	23	5	23	10	5		23			
		{ F.. 5			5	3			5			1
25	All other causes.....	75,344	38,777	36,567	71,419	60,974	9,274	3,025	75,344	46,364	1,625	2,260
26	Single.....	{ M.. 27,987	27,987	25,123	26,547	25,307	1,045	1,440	27,987	24,165	808	926
		{ F.. 25,123			23,551	22,732	602	1,572	25,123	22,177	757	613
27	Married.....	{ M.. 8,785	8,785	7,987	8,485	5,210	3,049	300	8,785	9	9	264
		{ F.. 7,987			7,631	4,871	2,614	356	7,987	5	40	417
28	Widowed.....	{ M.. 1,169	1,169	2,987	1,136	614	482	33	1,169			7
		{ F.. 2,987			2,859	1,700	1,108	128	2,987		1	4
29	Divorced.....	{ M.. 3	3	3	3	3			3			
		{ F.. 3			3	2	1		3			
30	Unknown.....	{ M.. 833	833	467	783	334	178			1	5	33
		{ F.. 467			421	201	110				5	5

TABLE 103.—DEATHS IN BOSTON AND PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, OCCURRING AMONG COLOR, NATIVITY, AND FOR BOSTON OF PARENTAL

		CLASS A.												
CAUSE OF DEATH.		All occu- pations.	Total.	Ac- tors.	Arch- tects, artists, etc.	Clergy- men.	Den- tists.	Engi- neers and sur- veyors.	Jour- nal- ists.	Law- yers.	Musi- cians and teachers of music.	Physi- cians and surgeons.	Profes- sors, authors, literary, and scientific persons.	Teach- ers.
1	BOSTON .....	14,046	492	24	46	48	14	24	34	83	67	100	26	26
2	White .....	13,663	483	24	45	46	14	24	34	80	64	100	26	26
3	Native born .....	6,237	380	23	35	29	12	19	27	73	40	85	19	18
4	Both parents native .....	2,992	272	10	21	17	8	16	20	57	27	67	16	13
5	One or both parents foreign .....	2,701	69	11	10	6	2	2	5	9	10	13	1	2
6	Foreign born .....	7,380	100	1	9	17	2	5	7	7	23	14	7	8
7	Colored .....	383	9		1	2				3	3			
8	Typhoid fever .....	414	14		1	1		3	2	1	3	2	1	
9	Malarial fever .....	19	2						1	1				
10	Lead poison .....	6												
11	Rheumatism .....	70	1						1					
12	Dropsy .....	38	2		1				1					
13	Heart disease .....	1,282	48	3	3	4	2	1	1	10	8	10	2	4
14	Consumption .....	3,762	75	4	15	4	2	2	6	8	18	9	5	2
15	Diabetes .....	54	4			1				1	1	1		
16	Diseases of the nervous system .....	1,308	66	4	8	7	2	2	6	10	5	15	3	4
17	Diseases of the respiratory system .....	2,283	73	4	4	6	2	3	7	14	7	19	4	3
18	Diseases of the liver .....	219	11	1	1	3				1	2	1	2	
19	Ascites .....	9												
20	Other diseases of the digestive system .....	380	23		2	1		2	3	3	3	5	2	2
21	Bright's disease .....	394	21		2	1	2			7	4	3		2
22	Other diseases of the urinary system .....	515	28	1	2	4		1		5	4	8	2	1
23	Diseases of the bones and joints .....	48	1									1		
24	Burns .....	10	1							1				
25	Injuries by machinery .....													
26	Suicides .....	173	17	2	2			1	1	4		3	2	2
27	Other accidents and injuries .....	1,094	18			2	1	4	1	4	2	1	1	2
28	Cancer of the stomach .....	117	4			1					1	1	1	
29	Cancer of the liver .....	45	2			2								
30	Cancer of the head, face, and neck .....	43	2											
31	Cancer of the abdomen .....	33	2				1							1
32	Cancer of the mouth, tongue, and throat .....	34	2		1						1			
33	Unknown causes .....	60	1					1						
34	PHILADELPHIA .....	13,159	732	25	77	121	20	69	24	115	61	184	12	24
35	White .....	12,516	715	25	76	111	20	68	24	115	56	184	12	24
36	Native born .....	6,968	537	19	55	77	16	45	19	104	22	153	9	18
37	Foreign born .....	5,313	150	6	21	25	4	22	3	6	34	20	3	6
38	Colored .....	643	17		1	10		1			5			
39	Typhoid fever .....	726	28	1	2	3	4	2	1	5	3	7		
40	Malarial fever .....	53	3		1	1						1		
41	Lead poison .....	3												
42	Rheumatism .....	33	1									1		
43	Dropsy .....	101	6		1					4		1		
44	Heart disease .....	1,322	96	1	12	18	3	9	1	10	7	30	1	4
45	Consumption .....	3,023	127	8	18	17	1	19	9	16	7	25	3	4
46	Diabetes .....	67	6			3				1		2		
47	Diseases of the nervous system .....	1,530	104	1	12	17	5	8	3	17	6	31	2	2
48	Diseases of the respiratory system .....	1,449	85	3	3	13	2	6		18	8	30		2
49	Diseases of the liver .....	325	17	2	2	3				5	2	3		
50	Ascites .....	14												
51	Other diseases of the digestive system .....	438	35	2	7	4		1	1	6	5	7		2
52	Bright's disease .....	425	37	2	7	4	2	5	2	3	1	8		3
53	Other diseases of the urinary system .....	346	22		2	3				1	6	3	7	
54	Diseases of the bones and joints .....	14	1									1		
55	Burns .....	35												
56	Injuries by machinery .....													
57	Suicides .....	188	10	1	2	1		4		1	1			
58	Other accidents and i .....	996	16		1	4		2		2	3	2	2	
59	Cancer of the stomacl .....	116	7			4				2	1			
		51	3			1					2			
		13												
		3												
		29	1									1		
		89	14	2		2	1	4	1	1	1	1	1	



TABLE 103.—DEATHS IN BOSTON AND PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, OCCURRING AMONG COLOR, NATIVITY, AND FOR BOSTON OF PARENTAL

CAUSE OF DEATH.	CLASS D.			CLASS E.							
	Total.	Hotel and boarding house keepers.	Saloon keepers, billiard and bowling saloon keepers, bartenders, and restaurant keepers.	Total.	Barbers and hair-dressers.	Janitors and sextons.	Laundressers.	Nurses.	Police-men, watch-men, and detectives.	Soldiers, sailors, and marines (United States).	Undertakers.
1 BOSTON .....	233	63	170	392	110	73	39	6	132	17	15
2 White .....	229	60	169	313	84	57	4	6	131	16	15
3 Native born .....	125	39	86	184	46	35	3	4	76	9	11
4 Both parents native .....	61	28	33	99	18	14	1	3	53	6	4
5 One or both parents foreign .....	49	6	43	63	24	13	2	1	16	1	6
6 Foreign born .....	104	21	83	128	38	21	1	2	55	7	4
7 Colored .....	4	3	1	79	26	16	35		1	1	
8 Typhoid fever .....	2		2	7	2	1	2		2		
9 Malarial fever .....	2	1	1								
10 Lead poison .....											
11 Rheumatism .....	2	1	1	2			1		1		
12 Dropsy .....				1		1					
13 Heart disease .....	16	6	10	50	8	13		1	24	3	1
14 Consumption .....	56	9	47	106	48	13	24	2	15	2	2
15 Diabetes .....	2		2								
16 Diseases of the nervous system .....	29	13	16	41	12	9			17	2	1
17 Diseases of the respiratory system .....	32	6	26	59	10	16	4	1	24	2	2
18 Diseases of the liver .....	8	1	7	12	3	1			6	1	1
19 Ascites .....											
20 Other diseases of the digestive system .....	8	1	7	14	4	2	2		4	1	1
21 Bright's disease .....	10	5	5	13	3	2	3		4	1	
22 Other diseases of the urinary system .....	8	2	6	16	3	5			5		3
23 Diseases of the bones and joints .....	1	1									
24 Burns .....				4	1				3		
25 Injuries by machinery .....											
26 Suicides .....	8	1	7	5	2	1	2				
27 Other accidents and injuries .....	13	7	6	17	1	1	1	1	9	1	3
28 Cancer of the stomach .....	1	1		3					2	1	
29 Cancer of the liver .....	2	1	1	2					2		
30 Cancer of the head, face, and neck .....	2	2									
31 Cancer of the abdomen .....				3	2			1			
32 Cancer of the mouth, tongue, and throat .....											
33 Unknown causes .....				1					1		
34 PHILADELPHIA .....	266	56	210	445	129	28	25	10	210	21	22
35 White .....	262	56	206	373	87	19	10	9	206	21	21
36 Native born .....	102	14	88	235	53	11	4	5	128	15	19
37 Foreign born .....	155	39	116	133	32	8	6	4	76	5	2
38 Colored .....	4		4	72	42	9	15	1	4		1
39 Typhoid fever .....	12	2	10	21	9	3	3	1	2	1	2
40 Malarial fever .....											
41 Lead poison .....											
42 Rheumatism .....	2	1	1								
43 Dropsy .....	4		4	5	2	2			1		
44 Heart disease .....	20	3	17	66	19	4	4	3	32	1	3
45 Consumption .....	58	11	47	97	41	2	7	2	34	3	8
46 Diabetes .....	1	1		2					1		
47 Diseases of the nervous system .....	35	6	29	62	13	2	4	1	37	4	1
48 Diseases of the respiratory system .....	31	6	25	57	13	5	3		30	4	2
49 Diseases of the liver .....	13	4	9	10	2				7		1
50 Ascites .....											
51 Other diseases of the digestive system .....	12	4	8		2	2			3	2	
52 Bright's disease .....	7	1	6	13	1	1	1		8		2
53 Other diseases of the urinary system .....	4	1	3	18	6	1			10		1
54 Diseases of the bones and joints .....											
55 Burns .....				2					2		
56 Injuries by machinery .....											
57 Suicides .....	7		7	9	5	1			2	1	
58 Other accidents and injuries .....	14	2	12	17	7	1	1		9		
59 Cancer of the stomach .....	3	2	1	6					6		
60 Cancer of the liver .....				1		1					
61 Cancer of the head, face, and neck .....											
62 Cancer of the abdomen .....											
63 Cancer of the mouth, tongue, and throat .....	1		1								
	2	1	1								

TABLE 103.—DEATHS IN BOSTON AND PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, OCCURRING AMONG COLOR, NATIVITY, AND FOR BOSTON OF PARENTAL

		CLASS G—continued.												
CAUSE OF DEATH.		Car- penters and joiners.	Cigar makers and tobacco work- ers.	Clock and watch repairers, jewelers, and opticians.	Com- posi- tors, print- ers, and press- men.	Coop- ers.	Cotton mill opera- tives.	Electro- typers and stereo- typers.	Engi- neers and firemen (not loco- motive).	Flax mill opera- tives.	Gas- works em- ployés.	Glass blow- ers.	Glass work- ers.	Gun- smiths, lock- smiths, and bell hang- ers.
1	BOSTON.....	625	44	80	216	101	1	7	177	1	3	6	9	17
2	White.....	621	44	79	215	101	1	7	175	1	3	6	9	17
3	Native born.....	298	13	52	148	22		3	91		2	4	3	7
4	Both parents native.....	199	2	32	44	11		2	48		1	1		5
5	One or both parents foreign.....	53	10	14	93	9		1	34		1	2	3	2
6	Foreign born.....	321	31	27	67	78	1	4	82	1	1	2	6	10
7	Colored.....	4		1	1				2					
8	Typhoid fever.....	19	2	1	4	2			1		1	1	1	
9	Malarial fever.....													
10	Lead poison.....													
11	Rheumatism.....	5			1									
12	Dropsy.....	1							1					
13	Heart disease.....	62	3	9	15	6		1	19					2
14	Consumption.....	130	14	18	93	32		2	42	1		1	5	5
15	Diabetes.....	1			1									1
16	Diseases of the nervous system.....	69	2	9	17	18			21				1	1
17	Diseases of the respiratory system.....	92	10	11	30	8		1	17					4
18	Diseases of the liver.....	7	1	1	5	1							1	
19	Ascites.....				1								1	
20	Other diseases of the digestive system.....	23	1	4	9	2	1		7					
21	Bright's disease.....	16	1	5	5	2			6			2		
22	Other diseases of the urinary system.....	30		8	6	3		1	8					
23	Diseases of the bones and joints.....	4		1	1				2					
24	Burns.....	2							5					
25	Injuries by machinery.....					2								
26	Suicides.....	8	3	1	2				2			1		
27	Other accidents and injuries.....	55	2	3	11	5		1	23					
28	Cancer of the stomach.....	14	2	2		2			1		1			
29	Cancer of the liver.....	2			1	2			1					
30	Cancer of the head, face, and neck.....	1	1			1								
31	Cancer of the abdomen.....	2				1								
32	Cancer of the mouth, tongue, and throat.....	2				1			1					
33	Unknown causes.....					1								
34	PHILADELPHIA.....	619	175	78	172	72		4	92		2	32	11	30
35	White.....	615	172	78	172	72		4	92		2	32	11	30
36	Native born.....	439	115	46	135	44		3	56		2	25	8	8
37	Foreign born.....	167	56	30	36	28		1	34			7	2	21
38	Colored.....	4	3											
39	Typhoid fever.....	30	10	7	9	2			4			2		2
40	Malarial fever.....	4			2	1								
41	Lead poison.....													
42	Rheumatism.....	2												
43	Dropsy.....	1		1					1					
44	Heart disease.....	64	16	7	15	4			11			6	1	3
45	Consumption.....	114	61	16	65	15		2	23			15	5	6
46	Diabetes.....			1	1									
47	Diseases of the nervous system.....	72	21	11	20	7		1	8			2	1	2
48	Diseases of the respiratory system.....	67	9	9	18	10			15			4	2	6
49	Diseases of the liver.....	17	2	3	2	6			2			1		
50	Ascites.....			1										
51	Other diseases of the digestive system.....	18	4	1	1	3			1		1			
52	Bright's disease.....	22	5	1	11	1		1	2					1
53	Other diseases of the urinary system.....	21	5	2	2	3			1				1	2
54	Diseases of the bones and joints.....													
55	Burns.....	1							1					
56	Injuries by machinery.....													
57	Suicides.....	5	6	1										1
58	Other accidents and injuries.....	64	7	4	6	9			15					1
59	Cancer of the stomach.....	4	3			1								
	face, and neck.....	3												
	ue, and throat.....	2												
		5	1						3			1		

MALES ENGAGED IN CERTAIN SELECTED OCCUPATIONS AND CLASSES OF OCCUPATIONS, WITH DISTINCTION OF NATIVITY, WITH SPECIFICATION OF CERTAIN CAUSES OF DEATH—Continued.

CLASS G—continued.																	
Harness and saddle makers and repairers, and trunk, valise, and leather case makers.	Hat and cap makers.	Iron and steel workers.	Lead and zinc workers.	Leather curriers, dressers, finishers, and tanners.	Machinists.	Marble and stone cutters.	Masons (brick and stone).	Meat packers, curers, and picklers, cannery, and fruit preservers.	Mill and factory operatives (textiles not specified).	Millers (flour and grist).	Painters, glaziers, and varnishers.	Paper hangers.	Paper mill operatives.	Photographers.	Plasterers and white-washers.	Plumbers and gas and steam fitters.	
48	36	119	3	81	260	161	203	2	30	3	415	37	9	17	59	155	1
47	36	119	3	80	260	161	200	2	30	3	412	36	9	17	56	155	2
30	19	53	1	23	150	52	76	7	1	255	28	8	12	12	99	3	4
12	8	16	1	4	77	15	52	3	1	110	13	4	5	2	20	4	5
17	10	33	1	17	60	35	18	4	23	117	10	3	5	10	75	5	6
17	17	64	2	57	110	109	123	2	23	155	8	1	4	44	56	6	7
1				1			3				3	1			3		7
3	1	1	1	2	4	6	2	2	2		11				1	4	8
					1						1						9
											3						10
											3				2		11
	1				2	1	1	1			2					1	12
5	5	11		7	30	8	17				28	5			6	12	13
14	9	35	1	30	86	80	38	2	10		116	12	1	7	16	59	14
3	4	11		7	2		1				1					1	15
6	3	20		7	19	7	20	3			36	1	2		5	9	16
					37	18	38	2	1		61	9	3	5	9	26	17
1	1	3			6		5	1			4				2		18
1	2	2		2	7	7	6				10				3		19
2	2	2	1	1	6	11	5	2			25	1			3		20
1		2		1	6	1	9				29	1		1	1	6	21
						1	2										22
		2									1						23
												1			1		24
	1			2													25
	2																26
4	2	4		2	3	7	25		4	1	30	2		1	4	9	27
	1	1		2	2						1	1				1	28
					1		2				1					1	29
		1		1	1						1						30
1					3												31
2							1				1						32
					1	1	1				3					2	33
50	75	229	3	117	347	84	236	1	599	18	311	33	12	12	70	71	34
49	75	228	3	117	346	84	228	1	599	18	309	33	12	12	70	71	35
31	47	141	2	65	203	38	127	1	205	9	225	31	8	11	50	54	36
17	23	85	1	50	138	44	95		389	9	78	2	4	1	17	17	37
1		1			1		8				2						38
2	2	22		8	24	3	13		45	1	15	4			2	1	39
	2	1			1				3		1		2				40
					1												41
	2	3		1	1		4		2		5				2	1	42
					1												43
7	6	15	1	9	36	6	22		53	1	30	6		1	11	6	44
12	19	55		27	82	22	57	1	172	6	66	10	2	4	11	22	45
1	1				2		1		5	1	2				1		46
3	9	25		10	38	12	27		49	1	46	4	1	1	9	8	47
8	12	34	1	10	40	8	26		70	3	25	4	3		11	7	48
1	1	6		6	9	3	5		11		9				1		49
					1												50
3	2	8		6	13	2	9		26	2	7	1	1	2	4	2	51
4		4		5	7	7	10		16	1	17				1	2	52
1	4	3		1	7	2	5		13		8	1			1	2	53
													1				54
		4			3				2							2	55
																	56
1	1	2		1	4	1	2		15		6					1	57
		18		4	22	7	17		23		29				6	7	58
																	59
		4		1	6	2	4		9			1		1			60
		1					1		3	1	1						61
					1				1								62
									1								63
							2		2		5					1	64



TABLE 103.—DEATHS IN BOSTON AND PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, OCCURRING AMONG COLOR, NATIVITY, AND FOR BOSTON OF PARENTAL

		CLASS G—continued.						CLASS H.			
CAUSE OF DEATH.		Potters.	Rubber factory opera- tives.	Silk mill opera- tives.	Tailors.	Tinners and tinware makers.	Wheel- wrights.	Woolen mill operatives.	Total.	Boatmen and canamen.	Draymen, hackmen, teamsters, drivers, etc.
1	BOSTON.....	2	11		305	70	14	6	1, 676	2	782
2	White.....	2	11		300	69	14	6	1, 656	2	777
3	Native born.....	2	5		58	42	6	2	908	1	476
4	Both parents native.....		4		22	14	3	1	437	1	169
5	One or both parents foreign.....	2	1		32	24	1	1	392		272
6	Foreign born.....		6		242	27	8	4	731	1	299
7	Colored.....				5	1			20		5
8	Typhoid fever.....	1	1		2	1			56		34
9	Malarial fever.....										
10	Lead poison.....								8		7
11	Rheumatism.....				2				6		2
12	Dropsy.....				1						
13	Heart disease.....				24	12	1	1	137		64
14	Consumption.....		6		78	29	3	1	399		234
15	Diabetes.....				2				6		4
16	Diseases of the nervous system.....		1		35	5	3		135		60
17	Diseases of the respiratory system.....	1			49	8	4	1	264		136
18	Diseases of the liver.....				5				21		6
19	Ascites.....								1		
20	Other diseases of the digestive system.....				11	2			31		16
21	Bright's disease.....				7	2			50		24
22	Other diseases of the urinary system.....		2		16	4	1		53	1	21
23	Diseases of the bones and joints.....					1			3		
24	Burns.....				2				1		
25	Injuries by machinery.....										
26	Suicides.....				3	3		1	15		6
27	Other accidents and injuries.....				16				257		75
28	Cancer of the stomach.....				5				17		6
29	Cancer of the liver.....								2		1
30	Cancer of the head, face, and neck.....				2				9	1	3
31	Cancer of the abdomen.....								2		2
32	Cancer of the mouth, tongue, and throat.....								5		3
33	Unknown causes.....				2				5		2
34	PHILADELPHIA.....	13		1	350	88	42	12	2, 032	6	418
35	White.....	13		1	344	88	42	12	1, 882	6	398
36	Native born.....	10			112	57	25	7	996	4	243
37	Foreign born.....	3		1	231	30	17	5	850	2	151
38	Colored.....				6				150		20
39	Typhoid fever.....	1			12	5		2	122		20
40	Malarial fever.....				2				6		1
41	Lead poison.....										
42	Rheumatism.....				2		1		3		2
43	Dropsy.....				1	1	1		15		5
44	Heart disease.....	1			42	9	3	1	193		37
45	Consumption.....	7		1	81	24	10	4	407	1	110
46	Diabetes.....				1				11		1
47	Diseases of the nervous system.....				43	11	9	2	197	1	54
48	Diseases of the respiratory system.....	1			38	12	4		184		47
49	Diseases of the liver.....				13	1			31		3
50	Ascites.....					1	1		4		1
51	Other diseases of the digestive system.....				10		2		68		16
52	Bright's disease.....	1			12	4			51		9
53	Other diseases of the urinary system.....				10	1	1		51		8
54	Diseases of the bones and joints.....								1		
	ery.....								1		
	d injuries.....	1			8	2	2		18		3
	ach.....				13	7	2		350	1	54
	face, and neck.....				4				13		3
	ngue, and throat.....				3		1		5		
					3				3		
									7	1	1
									10		1



TABLE 104.—DEATHS IN BOSTON AND PHILADELPHIA DURING THE 6 YEARS ENDING MAY 31, 1890, OCCURRING AMONG OF PARENTAL NATIVITY, WITH

CAUSE OF DEATH.		Total.	Musicians and teachers of music.	Teachers in schools.	Stenogra- phers and type- writers.	Account- ants, book- keepers, clerks, and copyists.	Hotel and boarding- house keepers.	Laun- dresses.	Nurses and midwives.	Servants.
1	BOSTON.....	2,609	11	44	3	49	21	66	49	1,728
2	White.....	2,505	11	44	3	49	21	49	48	1,661
3	Native born.....	844	9	38	3	36	14	8	14	369
4	Both parents native.....	223	6	18	1	9	10	1	6	72
5	One or both parents foreign.....	537	2	18	2	26	1	5	2	243
6	Foreign born.....	1,652	2	6	.....	13	7	41	34	1,285
7	Colored.....	104	.....	.....	.....	.....	.....	17	1	67
8	Typhoid fever.....	88	1	1	.....	1	.....	5	.....	63
9	Malarial fever.....	2	.....	.....	.....	.....	.....	.....	.....	1
10	Lead poison.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Rheumatism.....	7	.....	.....	.....	.....	.....	.....	.....	4
12	Dropsy.....	8	1	.....	.....	.....	.....	.....	.....	7
13	Heart disease.....	264	.....	4	.....	6	3	8	6	175
14	Consumption.....	786	3	21	2	22	3	21	10	467
15	Diabetes.....	2	1	.....	.....	.....	.....	.....	.....	1
16	Diseases of the nervous system.....	179	.....	5	.....	1	3	1	8	124
17	Diseases of the respiratory system.....	359	.....	2	.....	5	1	13	4	244
18	Diseases of the liver.....	31	.....	.....	.....	1	.....	1	1	24
19	Ascites.....	3	.....	.....	.....	.....	.....	.....	.....	1
20	Other diseases of the digestive system.....	98	1	2	.....	1	.....	2	1	62
21	Bright's disease.....	59	1	1	.....	1	2	1	2	34
22	Other diseases of the urinary system.....	75	.....	1	.....	2	.....	1	2	63
23	Diseases of the bones and joints.....	10	.....	.....	.....	.....	.....	.....	.....	9
24	Burns.....	20	.....	.....	.....	.....	1	1	.....	15
25	Injuries by machinery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	Suicides.....	13	.....	.....	.....	.....	.....	.....	.....	10
27	Other accidents and injuries.....	61	.....	1	1	.....	.....	2	.....	44
28	Diseases of the female organs of generation.....	23	.....	1	.....	1	.....	1	1	13
29	Affections connected with pregnancy.....	32	1	.....	.....	.....	.....	.....	2	25
30	Cancer of the stomach.....	17	.....	.....	.....	.....	.....	.....	.....	12
31	Cancer of the uterus.....	32	1	.....	.....	.....	2	.....	.....	17
32	Cancer of the breast.....	18	1	.....	.....	.....	1	.....	.....	11
33	Cancer of the liver.....	11	.....	.....	.....	.....	.....	.....	.....	11
34	Cancer of the head, face, and neck.....	4	.....	.....	.....	.....	.....	.....	.....	4
35	Cancer of the abdomen.....	10	.....	.....	.....	.....	.....	.....	.....	7
36	Cancer of the mouth, tongue, and throat.....	1	.....	.....	.....	.....	.....	.....	.....	.....
37	Unknown causes.....	7	.....	.....	.....	.....	.....	.....	.....	6
38	PHILADELPHIA.....	1,321	4	43	.....	6	4	51	30	818
39	White.....	923	4	37	.....	6	4	3	26	498
40	Native born.....	428	2	29	.....	5	2	1	8	179
41	Foreign born.....	483	2	8	.....	1	1	2	18	313
42	Colored.....	398	.....	6	.....	.....	.....	48	4	320
43	Typhoid fever.....	87	.....	3	.....	1	.....	.....	5	60
44	Malarial fever.....	5	.....	.....	.....	.....	.....	.....	.....	4
45	Lead poison.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
46	Rheumatism.....	12	.....	1	.....	.....	.....	2	1	5
47	Dropsy.....	2	.....	.....	.....	.....	.....	.....	.....	1
48	Heart disease.....	132	.....	4	.....	.....	.....	8	4	91
49	Consumption.....	331	1	19	.....	1	1	13	2	176
50	Diabetes.....	4	.....	.....	.....	.....	.....	.....	.....	3
51	Diseases of the nervous system.....	125	1	5	.....	.....	.....	5	2	73
52	Diseases of the respiratory system.....	137	.....	4	.....	.....	.....	10	2	88
53	Diseases of the liver.....	19	.....	.....	.....	1	1	.....	.....	14
54	Ascites.....	1	1	.....	.....	.....	.....	.....	.....	.....
55	Other diseases of the digestive system.....	50	.....	1	.....	.....	.....	3	4	31
56	Bright's disease.....	43	.....	.....	.....	.....	.....	3	1	22
57	Other diseases of the urinary system.....	46	.....	.....	.....	.....	.....	1	.....	29
58	Diseases of the bones and joints.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
59	Burns.....	6	.....	.....	.....	.....	.....	1	.....	4
60	Injuries by machinery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
61	Suicides.....	10	.....	.....	.....	.....	.....	.....	1	6
62	Other accidents and injuries.....	31	.....	1	.....	2	.....	.....	1	21
63	Diseases of the female organs of generation.....	11	.....	.....	.....	.....	.....	.....	.....	7
64	Affections connected with pregnancy.....	12	.....	.....	.....	.....	.....	.....	.....	8
	.....	15	.....	.....	.....	.....	.....	.....	2	10
	.....	23	.....	.....	.....	.....	.....	1	.....	21
	.....	7	.....	1	.....	.....	.....	.....	.....	4
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	..... and neck.....	7	.....	1	.....	.....	.....	.....	.....	4
	..... gue, and throat.....	1	.....	.....	.....	.....	.....	.....	1	.....
	.....	5	.....	.....	.....	.....	.....	.....	.....	4

FEMALES ENGAGED IN THE SPECIFIED OCCUPATIONS, WITH DISTINCTION OF COLOR, NATIVITY, AND FOR BOSTON SPECIFICATION OF CERTAIN CAUSES OF DEATH.

Artificial flower and paper box makers.	Cigar makers and tobacco workers.	Cotton mill operatives.	Flax mill operatives.	Mill and factory operatives (textiles not specified).	Milliners.	Dress-makers.	Seamstresses.	Sewing machine operators.	Silk mill operatives.	Woolen mill operatives.	Telegraph and telephone operators.	
7	5			27	17	126	103		1		3	1
7	5			27	17	119	96		1		2	2
5	4			19	10	64	51				2	3
5	4			4	5	28	22				1	4
2	1			13	4	33	26				1	5
				8	7	55	45		1			6
						7	7				1	7
					1	3	3		1			8
												9
				1			1					10
												11
												12
				6	1	9	12					13
3	2			11	4	56	33				2	14
												15
1	1			2	2	6	7					16
					2	16	16					17
						1						18
					1	6	3					19
	1				2	1	3					20
					1	3	1					21
												22
							1					23
						2						24
						1						25
				1	1	4	2				1	26
												27
				1			2					28
						1	1					29
						1	4					30
				2		4	4					31
						2	1					32
												33
						1						34
												35
					1							36
												37
2	1			57	7	57	17					38
2	1			57	7	52	16					39
2				26	4	33	10					40
	1			31	3	19	6					41
						5	1					42
				5		2	1					43
												44
				1								45
												46
												47
	1			3		4	1					48
				23	3	23	7					49
												50
1				4	1	4						51
				6	1	1	2					52
												53
						1						54
						5	2					55
				3	1	3						56
				3		3						57
												58
												59
						2						60
						1						61
												62
				1		1						63
					1	1						64
							1					65
												66
							1					67
				1								68
												69
												70